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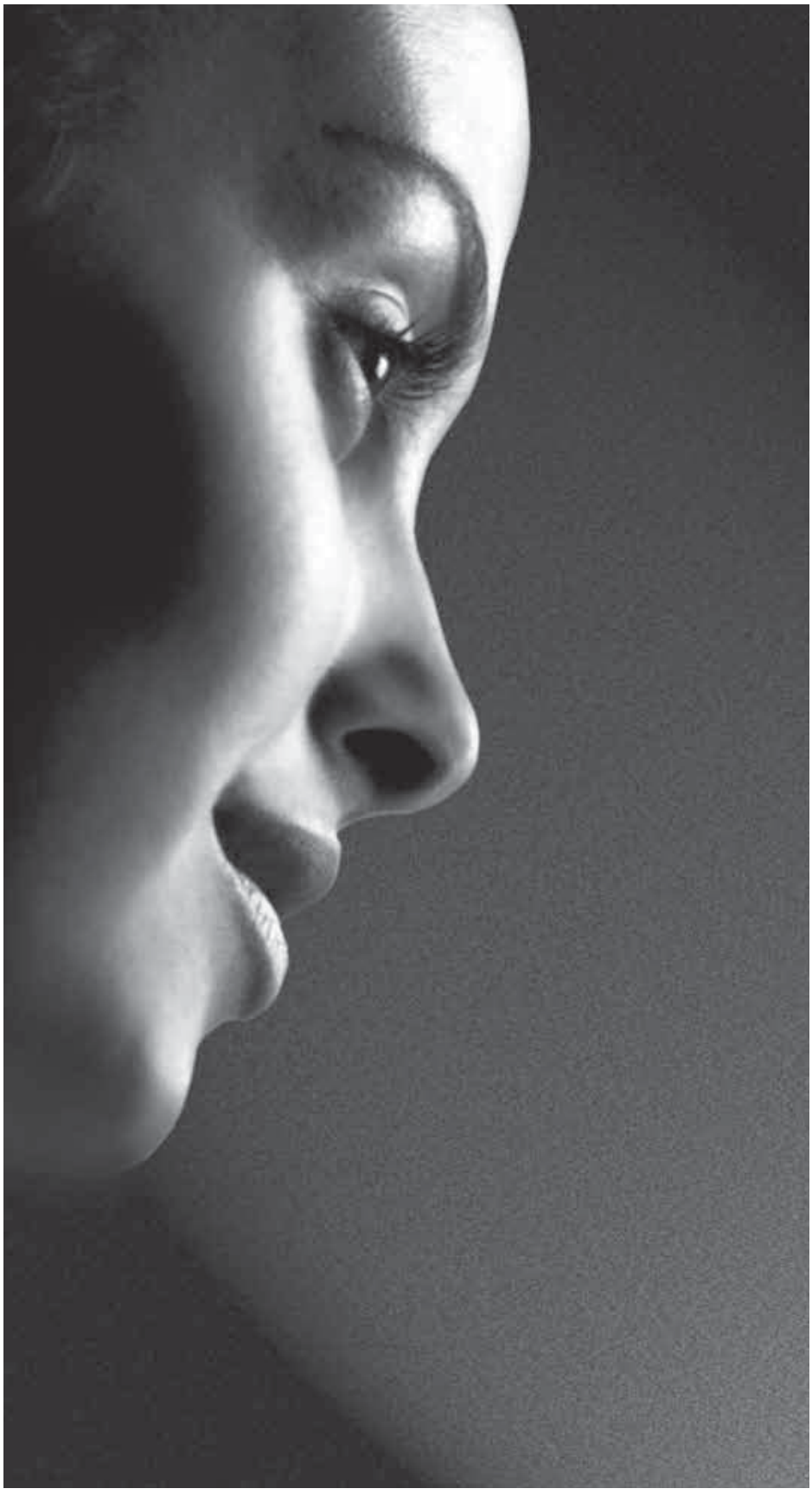


AV61*D*
DIGITAL
Series

Contents

Safety Precautions 3
Installation and important information 4
The remote control 5
Inserting batteries and effective range of the remote 6
Connecting external equipment 7
Connecting an HDMI™ or DVI device to the HDMI input 9
To connect an HDMI device 9
DVI device to the HDMI Input 11
Connecting a computer 13
To connect a PC to the HDMI terminal 13
Using the controls 15
Switching on 16
Using the remote control 16
Using the controls 16
Tuning the television 17
Initial Setup 17
Setting the programmes 18
Auto Scan 18
Manual scan 18
Channel Skip 19
Update scan 20
Digital Channel Range Scan 20
Channel Sort 20
Channel Edit 20
Channel Decode 21
Analogue Channel Fine Tune 21
Common Interface 21
Reset Default 21
General controls 21
Selecting programme positions 21
Stereo and Bilingual transmissions 21
Audio Description 21
Quick Access Menu 22
Favourite List 22
Sound controls 22
Volume 22
Balance, Bass, Treble 22
Surround Sound 23
Bass Boost 23
Stable Sound® 23
Audio Description 23
Visually Impaired 23
Widescreen viewing 24
Picture controls 26
Picture Mode 26
Brightness, Contrast, and Colour 26
Tint 26
Sharpness 26
Colour Temperature 26
Cinema mode 26
DNR 27
CTI 27
Flesh Tone 27
Adaptive Luma Control 27
Active Backlight 27
Blue Screen 27
Back Light 28
H. and V. Position 28
Timer control 28
Time Zone 28
Time 28
Sleep Timer 29
Input selection and AV connections 30
Input selection 30
Input signal selection 30
Function control 31
Analogue Subtitle 31
Digital Subtitle 31
Subtitle Type 31
Logo LED 31
4:3 Stretch 31
Parental control 31
Channel Block 31
Programme Block 32
Input Block 33
Panel Lock 33
Factory Default 33

Digital on-screen information and Programme Guide..... 34
Information 34
Guide..... 34
EPG Timer..... 34
Text services 35
Setting the Language 35
Text Information..... 35
Control buttons..... 35
Teletext Favourite 35
Questions and Answers..... 36
Specifications and accessories 38
Exhibit A..... 41
Exhibit B 41
Notes..... 42

Safety Precautions

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken to obtain the best results and for safety to be assured. Please read the points below for your own safety. They are of a general nature, intended to help with all electronic consumer products and some points may not apply to the goods you have just purchased.

The Class I apparatus shall be connected to a mains socket outlet with a protective earthing connection.

Air Circulation

Leave more than 10cm clearance around the television to allow adequate ventilation. This will prevent overheating and possible damage to the television. Dusty places should also be avoided.

Heat Damage

Damage may occur if the television is left in direct sunlight or near a heater. Avoid places subject to extremely high temperatures or humidity. Place in a location where the temperature remains between 5°C (41°F) min. and 35°C (94°F) max.

Mains Supply

The mains supply required for this equipment is 220-240v AC 50/60Hz. Never connect to a DC supply or any other power source. DO ensure that the television is not standing on the mains lead. Use only the supplied lead.

DO NOT cut off the mains plug from this equipment, this incorporates a special Radio Interference Filter, the removal of which will impair its performance. In the UK, the fuse fitted in this plug is approved by ASTA or BSI to BS1362.

It should only be replaced by a correctly rated and approved type and the fuse cover must be refitted.

IF IN DOUBT PLEASE CONSULT A COMPETENT ELECTRICIAN.

Do

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between pieces of equipment) are properly made and in accordance with the manufacturers' instructions. Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels on equipment.

DO NOT REMOVE ANY FIXED COVERS AS THIS WILL EXPOSE DANGEROUS AND 'LIVE' PARTS.

THE MAINS PLUG IS USED AS A DISCONNECTING DEVICE AND THEREFORE SHOULD BE READILY OPERABLE.

Do not

DO NOT obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

DO NOT allow electrical equipment to be exposed to dripping or splashing or objects filled with liquids, such as vases, to be placed on the equipment.

DO NOT place hot objects or naked flame sources, such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DO NOT use makeshift stands and NEVER fix legs with wood screws. To ensure complete safety, always fit the manufacturers' approved stand, bracket or legs with the fixings provided according to the instructions.

DO NOT leave equipment switched on when it is unattended, unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off by withdrawing the plug, make sure your family know how to do this. Special arrangements may need to be made for people with disabilities.

DO NOT continue to operate the equipment if you are in any doubt about it working normally, or it is damaged in any way – switch off, withdraw the mains plug and consult your dealer.

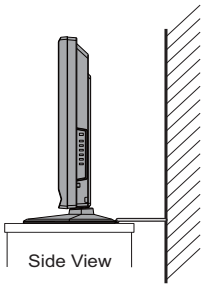
WARNING – excessive sound pressure from earphones or headphones can cause hearing loss.

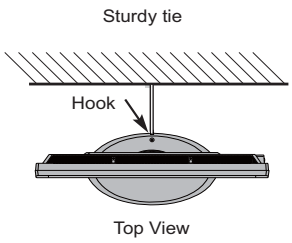
ABOVE ALL – NEVER let anyone, especially children, push or hit the screen, push anything into holes, slots or any other openings in the case.

NEVER guess or take chances with electrical equipment of any kind – it is better to be safe than sorry.

Installation and important information

Where to install





Locate the television away from direct sunlight and strong lights, soft, indirect lighting is recommended for comfortable viewing. Use curtains or blinds to prevent direct sunlight falling on the screen.
Place the TV set on a stable, level surface that can support the weight of the TV.
As an additional safety measure you can secure the TV to the level surface or a wall, as shown in the illustration, using a sturdy strap.
The LCD display panels are manufactured using an extremely high level of precision technology, however sometimes some parts of the screen may be missing picture elements or have luminous spots. This is not a sign of a malfunction.
Make sure the television is located in a position where it cannot be pushed or hit by objects, as pressure will break or damage the screen, and that small items cannot be inserted into slots or openings in the case.
Wall mounting of the TV should only be performed by qualified servicing personnel. Use only with the wall mount bracket specified by the manufacturer.

Please take note

EXCLUSION CLAUSE

Toshiba shall under no circumstances be liable for loss and/or damage to the product caused by:

i) fire;

ii) earthquake;

iii) accidental damage;

iv) intentional misuse of the product;

v) use of the product in improper conditions;

vi) loss and/or damage caused to the product whilst in the possession of a third party;

vii) any damage or loss caused as a result of the owner's failure and/or neglect to follow the instructions set out in the owner's manual;

viii) any loss or damage caused directly as a result of misuse or malfunction of the product when used simultaneously with associated equipment;

Furthermore, under no circumstances shall Toshiba be liable for any consequential loss and/or damage including but not limited to the following, loss of profit, interruption of business, the loss of recorded data whether caused during normal operation or misuse of the product.

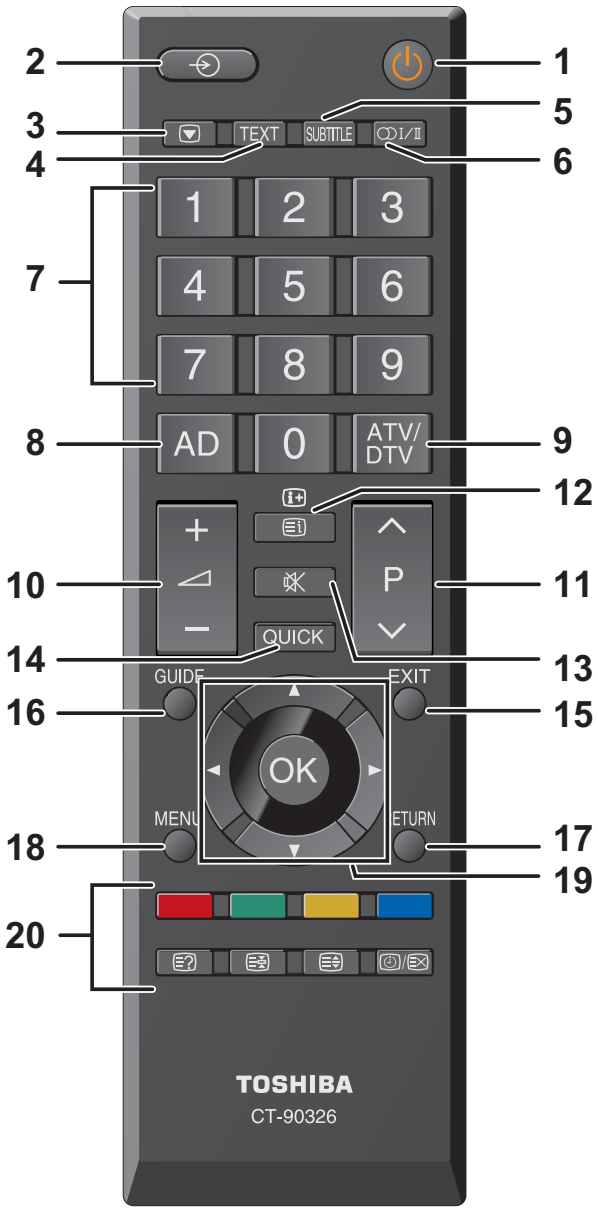
NOTE:

A Toshiba wall bracket or stand, where available must be used. If a non Toshiba wall bracket or stand is used the product's BEAB approval will become void and the equipment is then used at the consumers own risk.

- The digital reception function of this television is only effective in the countries listed in the "Country" section of the "SETUP" menu. Depending on country/area, some of this television's function may not be available. Reception of future additional or modified services can not be guaranteed with this television.
- If stationary images generated by 4:3 broadcasts, text services, channel identification logos, computer displays, video games, on screen menus, etc. are left on the television screen for any length of time they could become conspicuous, it is always advisable to reduce both the brightness and contrast settings.
- Very long, continuous use of the 4:3 picture on a 16:9 screen may result in some retention of the image at the 4:3 outlines, this is not a defect of the LCD TV and is not covered under the manufacturers warranty. Regular use of other size modes (eg: Superlive) and varying the "side panel" brightness (if available on the model) will prevent permanent retention.

The remote control

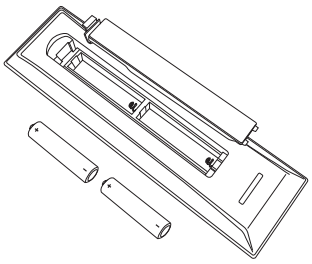
Simple at-a-glance reference of your remote control.



1 For On/Standby mode
2 To select input from external sources
3 Still Picture
4 To call up text services in analogue mode and interactive services in digital mode
5 To turn the subtitle On/Off
6 Stereo/Bilingual transmissions
7 Number buttons
8 Switch the Audio Description On/Off
9 No Function
10 To alter the volume
11 To change programme
12 In TV mode: To display on screen information
In Text mode: To access index page
13 To mute the sound
14 To display Quick access menu
15 To exit menus
16 To display the programme guide
17 To return to the previous level of the on-screen menu
18 To display the on-screen menu
19 ▲, ▼, ◄, ►: To move Up, down, left or right in the on-screen menu
OK: To confirm the selection
20 Colour button: Text control buttons

	To reveal concealed text
	To hold a wanted page
	To enlarge text display size
/EX	In normal picture mode: To display clock on TV screen. In Teletext mode: To toggle between Telextext and normal picture mode

Inserting batteries and effective range of the remote



Remove the back cover to reveal the battery compartment and make sure the batteries are inserted the right way round. Suitable battery types for this remote are AAA, IEC R03 1.5V.

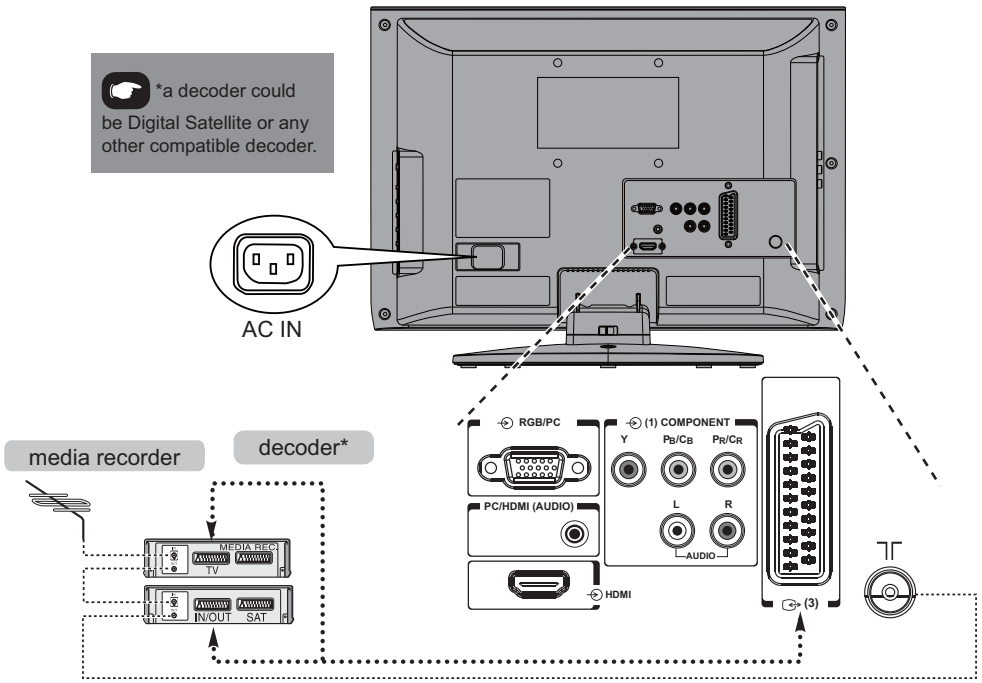
Do not combine a used, old battery with a new one or mix battery types. Remove dead batteries immediately to prevent acid from leaking into the battery compartment. Dispose of them in accordance with instructions on page 42 of this manual. Warning: batteries must not be exposed to excessive heat such as sunshine, fire or the like.

The performance of the remote control will deteriorate beyond a distance of five metres or outside an angle of 30 degrees from the centre of the television. If the operating range becomes reduced the batteries may need replacing.

Connecting external equipment

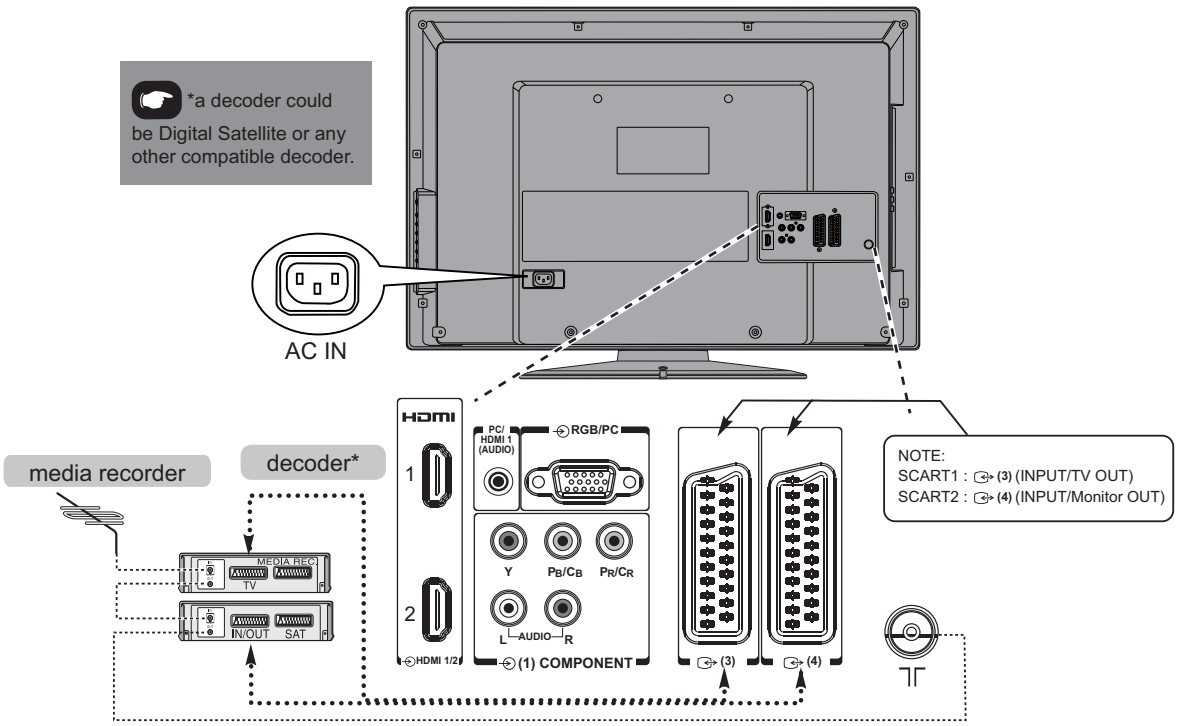
Before connecting any external equipment, turn off all main power switches. If there is no switch remove the mains plug from the wall socket.
Connect the power cord into the AC IN socket found at the back of the TV.

Model : 19/22 Only



NOTE: *SCART can support Canal+ decoder.*

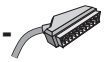
Model : 26/32/37 Only



NOTE: *SCART1 can support Canal+ decoder.*

Aerial cables: - - - - - - - - - - - - - - - - -

Connect the aerial to the ANT socket on the rear of the television.
If you use a decoder and/or a media recorder it is essential that the aerial cable is connected through the decoder and/or through the media recorder to the television.

SCART leads: - - - - - - - - - - - - - - - - - 

Connect the video recorder **IN/OUT** or decoder **TV** socket to the television. Connect the media recorder **SAT** socket to the decoder **MEDIA REC**. socket.

Before running **Auto Scan** put your decoder and media recorder to **Standby**.

The phono sockets alongside the COMPONENT VIDEO INPUT sockets will accept L and R audio signals.

The phono sockets alongside the VIDEO INPUT socket will accept L and R audio signals. These sockets are located on the side of the TV. (See page 15.)

HDMI™ (High-Definition Multimedia Interface) is for use with a DVD, decoder or electrical equipment with digital audio and video output. It is designed for best performance with 1080i high-definition video signals but will also accept and display VGA, SVGA, XGA, WXGA, SXGA, 480i, 480p, 576i, 576p, and 720p signals.

NOTE: *Although this television is able to connect to HDMI equipment it is possible that some equipment may not operate correctly.*

A wide variety of external equipment can be connected to the back of the television, therefore the relevant owners manuals for all additional equipment must be referred to.

If the television automatically switches over to monitor external equipment, return to normal television by pressing the desired programme position button. To recall external equipment, press ⊕ to select.

HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.

Connecting an HDMI™ or DVI device to the HDMI input

The HDMI input on your television receives digital audio and uncompressed digital video from an HDMI source device, or uncompressed digital video from a DVI (Digital Visual Interface) source device. This input is designed to accept HDCP (High-Bandwidth Digital- Content Protection) programme material in digital form from EIA/CEA-861-D–compliant [1] consumer electronic devices (such as a set-top box or DVD player with HDMI or DVI output). For acceptable video signal formats, see page 14.

NOTE:

- *Some early HDMI equipment may not work properly with your latest HDMI TV, due to the adoption of a new standard.*
- *Supported Audio format: Linear PCM, sampling rate 32/44.1/48kHz*

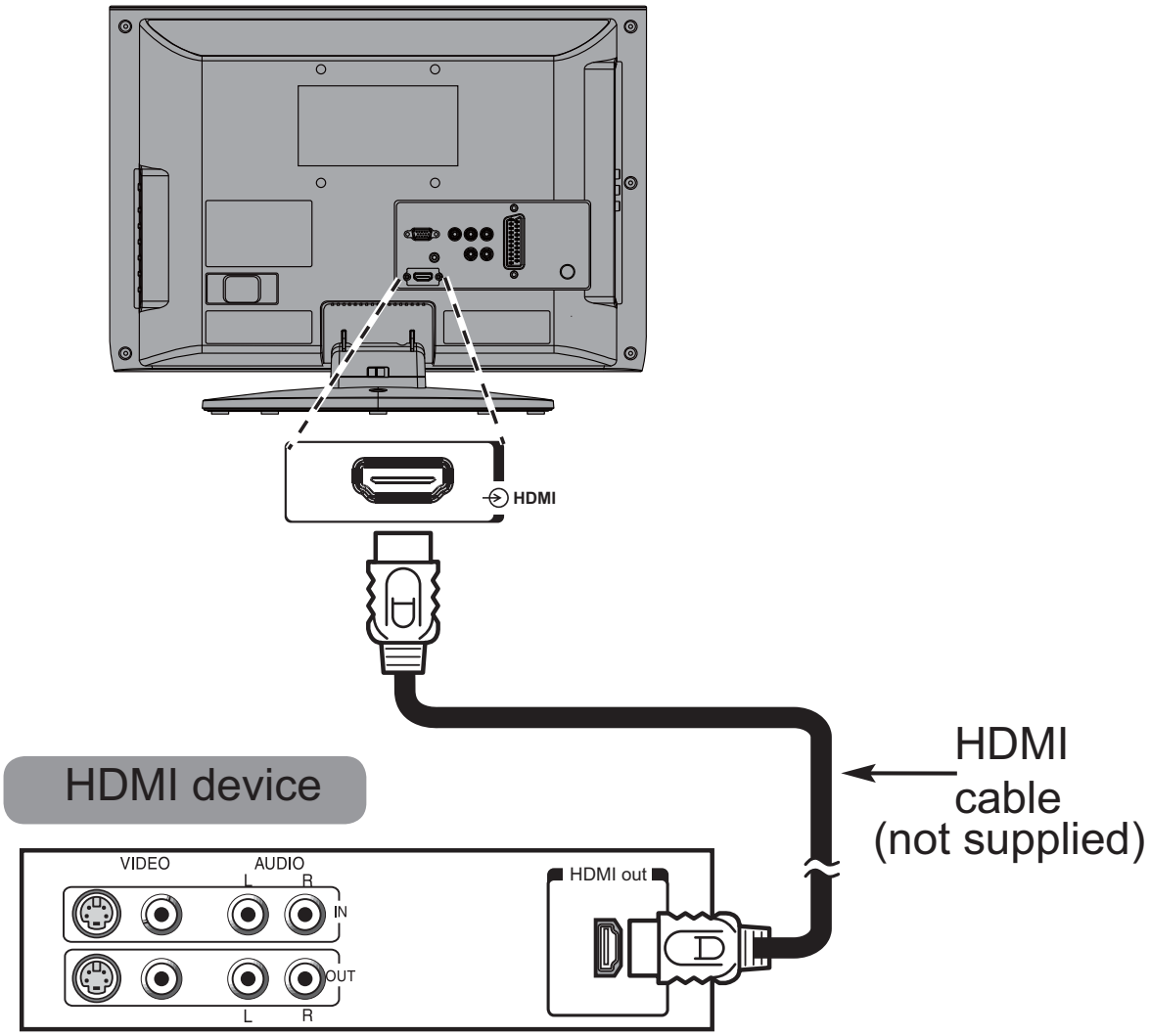
To connect an HDMI device

Connect an HDMI cable (type A connector) to the HDMI terminal.

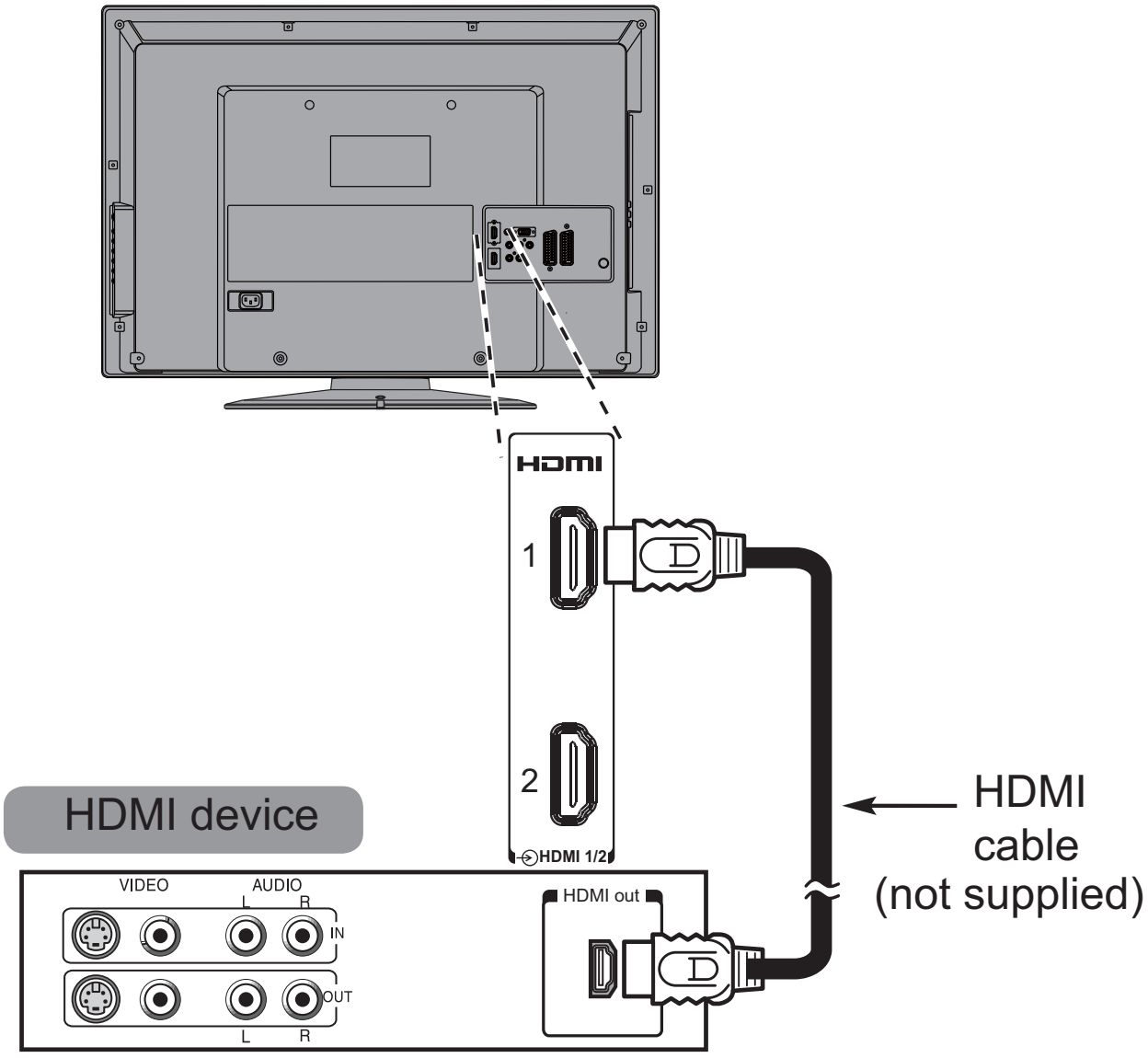
For proper operation, it is recommended that you use an HDMI cable with the HDMI Logo (HDMI).

- HDMI cable transfers both video and audio. Separate analogue audio cables are not required (see illustration).

Model : 19/22 Only



Model : 26/32/37 Only



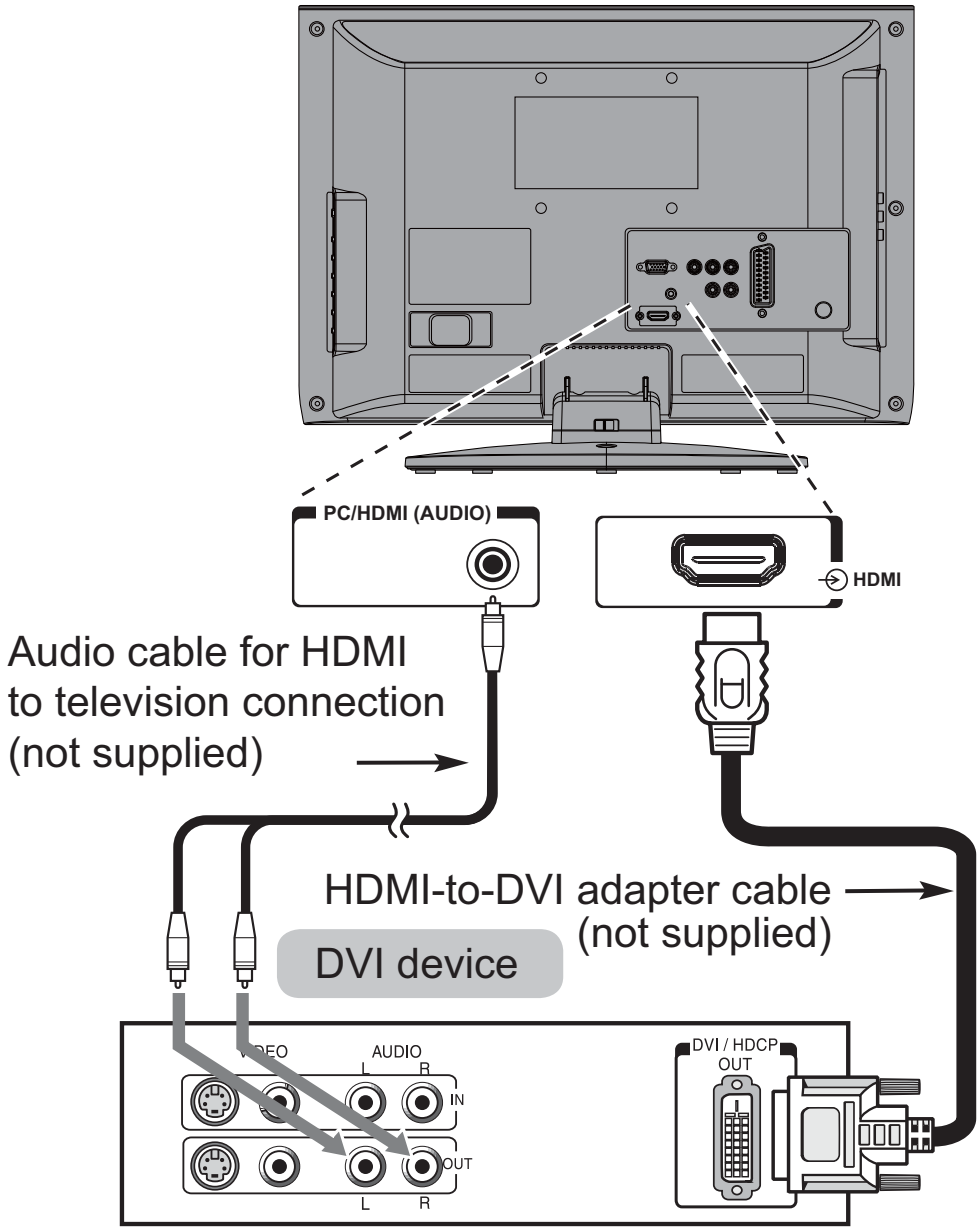
To view the HDMI device video, press ⊕ to select the mode.

DVI device to the HDMI Input

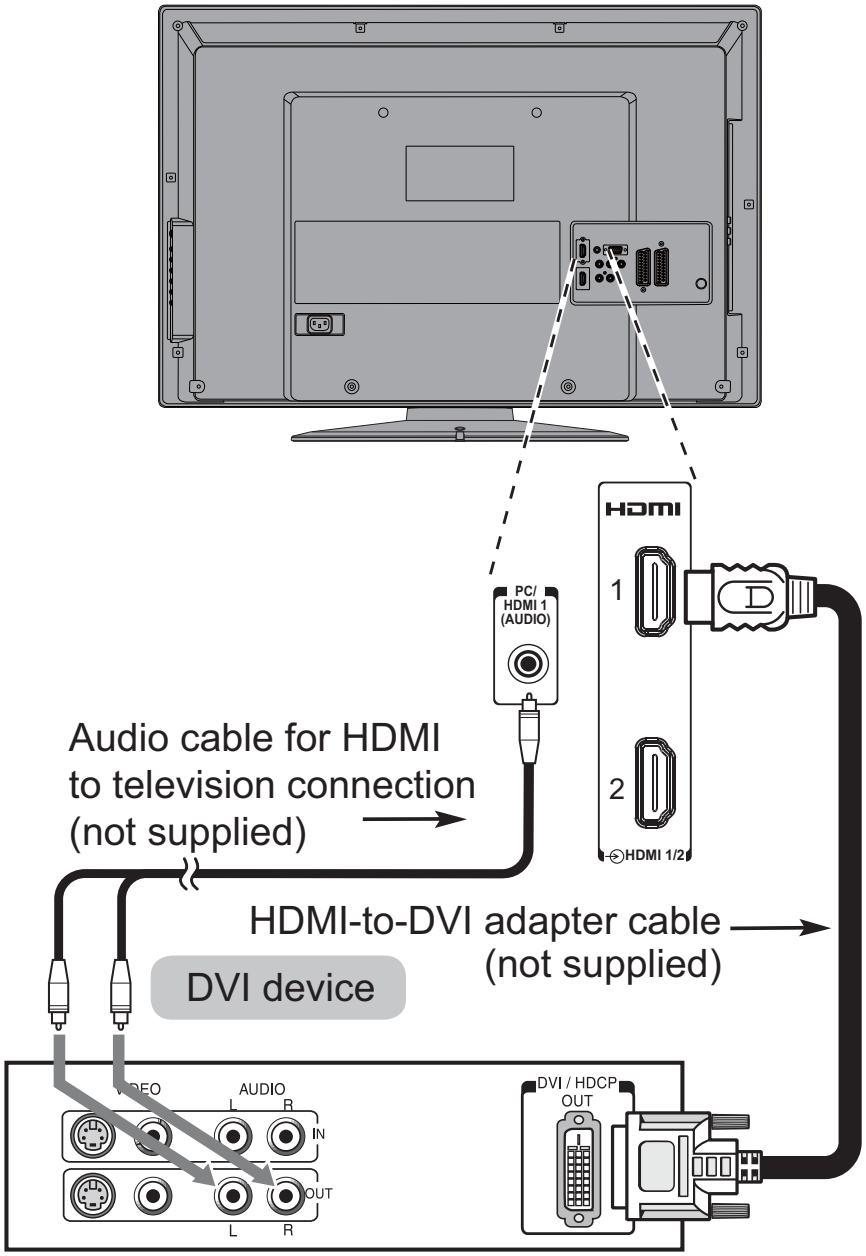
Connect an HDMI-to-DVI adapter cable (HDMI type A connector) to HDMI1 terminal and audio cables to the PC/HDMI1 Audio socket (see illustration).

- The recommended HDMI-to-DVI adapter cable length is 6.6 ft (2m).
  An HDMI-to-DVI adapter cable transfers video only.
- Separate analogue audio cables are required.

Model : 19/22 Only



Model : 26/32/37 Only



NOTE:

To ensure that the HDMI or DVI device is reset properly, it is recommended that you follow these procedures:

- *When turning on your electronic components, turn on the television first, and then the HDMI or DVI device.*
- *When turning off your electronic components, turn off the HDMI or DVI device first, and then the television.*

[1] EIA/CEA-861-D compliance covers the transmission of uncompressed digital video with high-bandwidth digital content protection, which is being standardized for reception of highdefinition video signals. Because this is an evolving technology, it is possible that some devices may not operate properly with the television.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

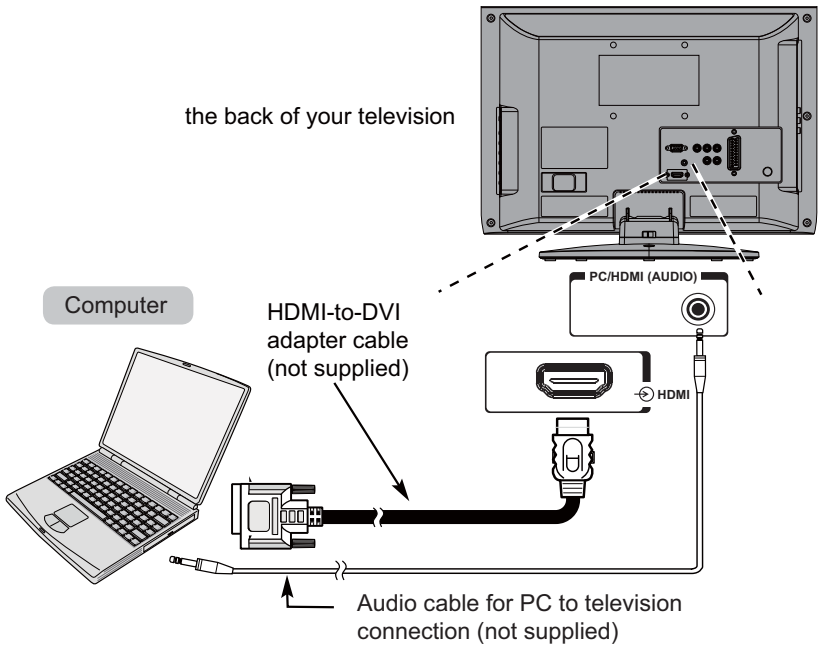
Connecting a computer

With the HDMI connection, you can watch your computer's display on the television and hear the sound from the televisions speakers.

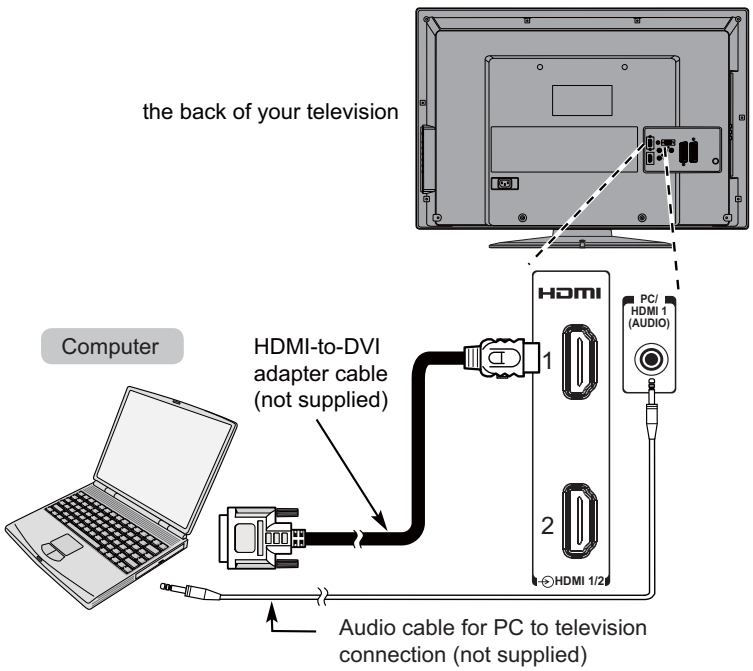
To connect a PC to the HDMI terminal

When connecting a PC to the HDMI terminal on the television, use an HDMI-to-DVI adapter cable and analogue audio cables.
If connecting a PC with an HDMI terminal, use an HDMI cable (type A connector). Separate analogue cables are not necessary (see page 9).

Model : 19/22 Only



Model : 26/32/37 Only



For acceptable PC signal formats, see "Acceptable PC signals through HDMI terminals" on page 14.

NOTE: *The edges of the images may be hidden.*

Acceptable Video signals through HDMI terminals

Format	Resolution	V. Frequency	H. Frequency	Pixel Clock Frequency
480i	720 x 480i	60.000Hz	15.734kHz	27.000MHz
480p	720 x 480p	60.000Hz	31.500kHz	27.000MHz /27.030MHz
576i	720 x 576i	50.000Hz	15.625kHz	27.000MHz
576p	720 x 576p	50.000Hz	31.250kHz	54.000MHz
720p	1280 x 720p	50.000Hz	37.500kHz	74.250MHz
720p	1280 x 720p	59.940 Hz / 60.000Hz	44.960kHz / 45.000kHz	74.170MHz /74.250MHz
1080i	1920 x 1080i	59.940 Hz / 60.000Hz	33.720kHz / 33.750kHz	74.170MHz /74.250MHz
1080i	1920 x 1080i	50.000Hz	28.125kHz	74.250MHz

Acceptable PC signals through HDMI/D-SUB terminals

Format	Resolution	V. Frequency	H. Frequency	Pixel Clock Frequency
VGA	640x480	59.940Hz	31.469kHz	25.175MHz
VGA	640x480	72.809Hz	37.861kHz	31.500MHz
VGA	640x480	75.000Hz	37.500kHz	31.500MHz
VGA	720x400	70.087Hz	31.469kHz	28.322MHz
SVGA	800x600	56.250Hz	35.156kHz	36.000MHz
SVGA	800x600	60.317Hz	37.879kHz	40.000MHz
SVGA	800x600	72.188Hz	48.077kHz	50.000MHz
SVGA	800x600	75.000Hz	46.875kHz	49.500MHz
XGA	1024x768	60.004Hz	48.363kHz	65.000MHz
XGA	1024x768	70.069Hz	56.476kHz	75.000MHz
XGA	1024x768	75.029Hz	60.023kHz	78.750MHz
WXGA	1280x720	59.855Hz	44.772kHz	74.250MHz
WXGA	1280x768	59.870Hz	47.776kHz	79.500MHz
WXGA	1360x768	60.015Hz	47.712kHz	85.500MHz
SXGA	1280x1024	60.020Hz	63.981kHz	108.000MHz

HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.

NOTE 1: *HDMI 1 terminals supports PC signal input, HDMI 2 and 3 does not support PC signal.*

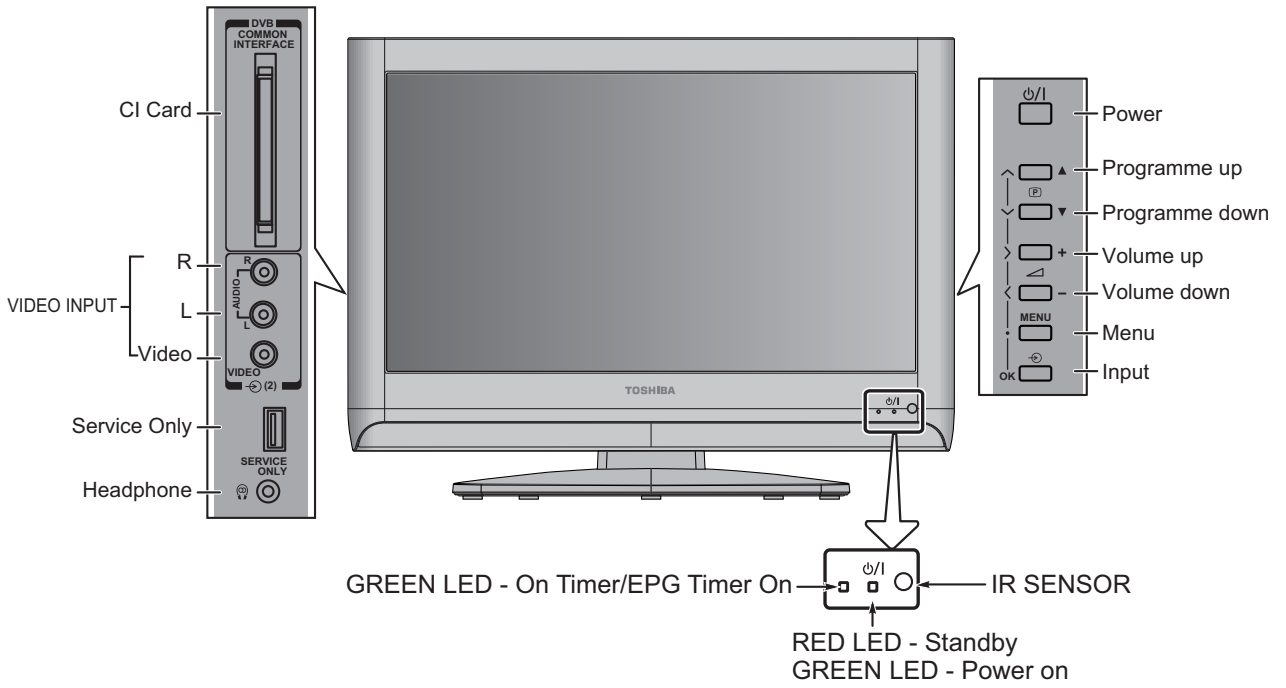
NOTE 2: *For PC input, for only supported PC signal can show the correct resolution on TV display.*

Using the controls

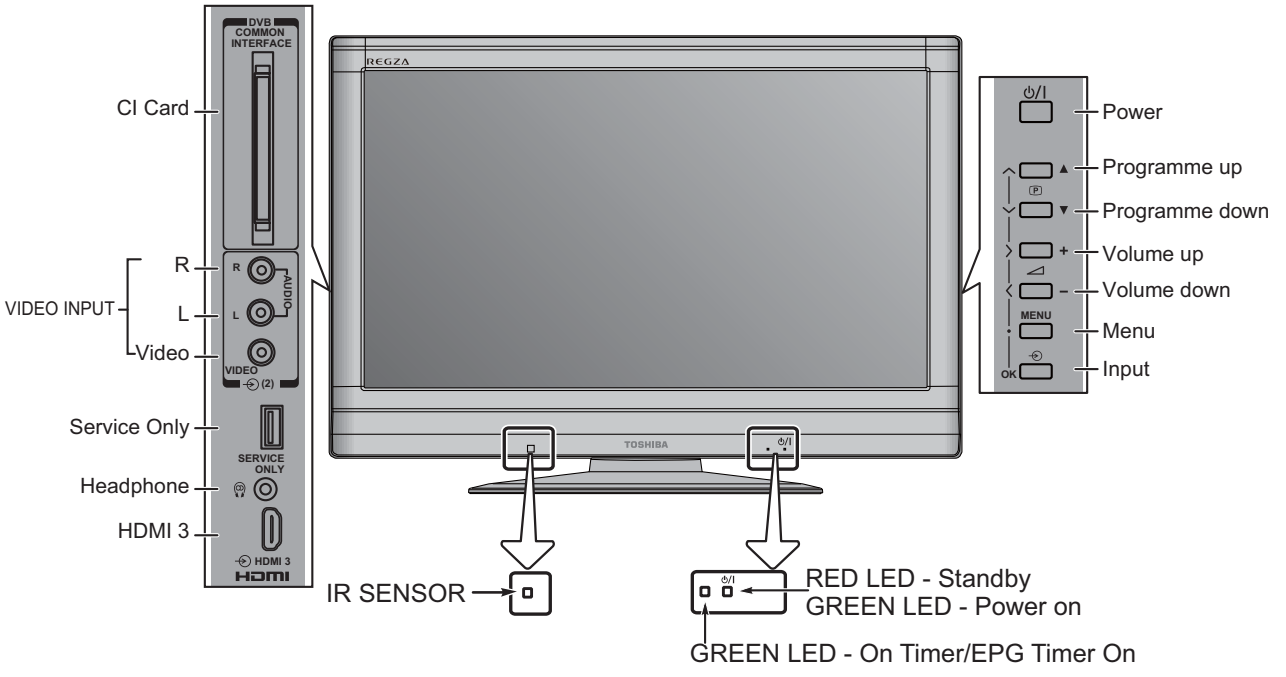
Whilst all the necessary adjustments and controls for the television are made using the remote control, the buttons on the television may be used for some functions.

Note: COMMON INTERFACE (CI)
The common interface is for a Conditional Access Module (CAM) Contact a service provider for details.

Model : 19/22 Only



Model : 26/32/37 Only



Switching on

If the RED LED is unlit check that the mains plug is connected to the power supply. If the picture does not appear press ⏻ on the remote control, it may take a few moments.
To put the television into Standby press ⏻ on the remote control. To view the television press ⏻ again. The picture may take a few seconds to appear.

Using the remote control

To set up the television you will now need to use the on screen menus. Press MENU on the remote control to see the menus.

The on-screen menu appears as a list of five topics. As each symbol is selected by pressing ◄ or ►on the navigation ring on the remote control, its respective options will appear below.

To use the options, press ▼ or ▲ on the navigation ring to move up and down through them and use OK , ◄ or ► to select the required choice. Follow the on-screen instructions. The functions of each menu are described in detail throughout the manual.

Using the controls

To alter the volume press – ◿ +.

To alter the programme position press ∧ **P** ∨.

Press MENU and ▼ , ▲ , ◄ or ► to control the sound and picture options.

Press EXIT to finish.

To select the external input, press ⊕ and then use ⊕ ▲ or ▼ to move through the list until the appropriate input source is selected as described on page 30.

Please always refer to the owner's manual of the equipment to be connected for full details.

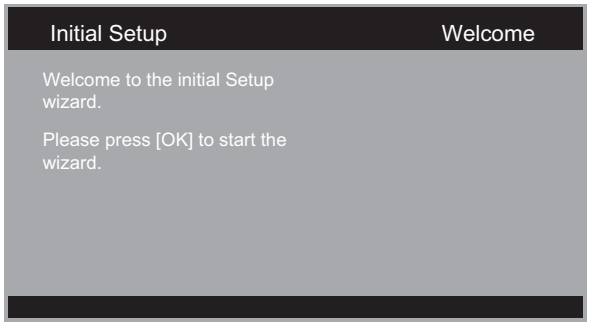
Please note: Inserting the headphone plug will mute the sound from all speakers.

Tuning the television

Before switching on the television put your decoder and media recorder to **Standby** if they are connected.
To set up the television use the buttons on the remote control as detailed on page 5.

Initial Setup

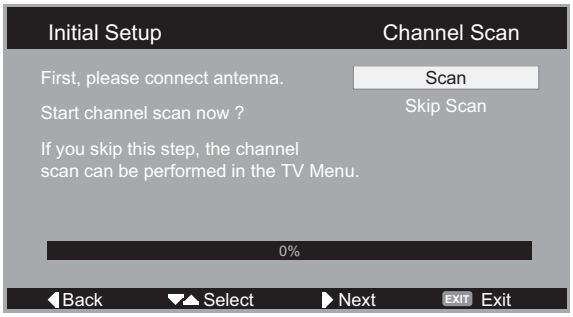
1 Connect the television to the main power and press the ⏻ button. The **Initial Setup** screen will appear at the first use.
Press ⓞⓚ to start the initial setup



2 Using ▲ or ▼ to select your language, and then press ►.

3 Press ▲ or ▼ to select your country and press ► to the next step.

4 To start channel scan press ►.



The search will begin for all available stations. The slide bar will move along the line as the search progresses.

NOTE: *If you skip this step, the channel scan can be performed in the TV Menu.*

If the television cannot be connected to a media recorder/decoder with a SCART lead or if a station on another **system i**s required, use **Manual Scan** to allocate a programme position, see page 18.

NOTE: *The time will be set automatically using the broadcaster data but can be advanced or decreased by up to 12 hours using Time Zone in* **Timer**. *(See page 28)*

PLEASE NOTE

The **Factory Default** menu can also be accessed at any time in the Parental from the FUNCTION menu.

Setting the programmes

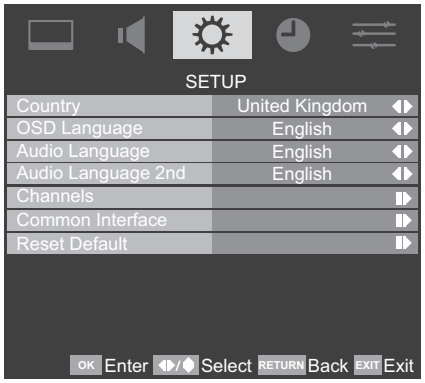
NOTE: *When Channel Block is activated, the 4-digit password is needed to enter the* ***Channels*** *submenu under* ***SETUP*** *menu.*

Auto Scan

Auto Scan will completely re-tune the television and can be used to update the channel list.
It is recommended that Auto Scan is run periodically to ensure that all new services are added.

NOTE: *All current programmes and settings, i.e. favourites and locked programmes, will be lost.*

1 Press **MENU** and use ◄ or ► to select **SETUP**.

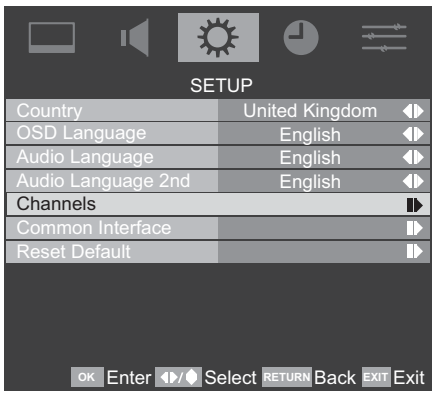


2 Press ▼ to highlight **Country** and use ◄ or ► to select.

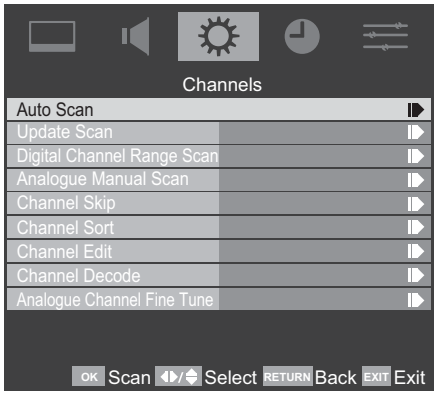
NOTE: *In order to receive the information from the broadcaster correctly, please set the correct country.*

3 Use ▼ to highlight **OSD Language** and press ◄ or ► to select.

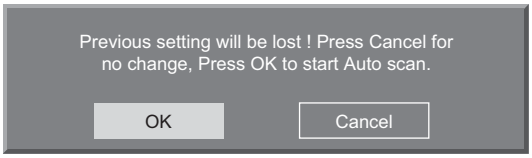
4 Press ▼ to highlight **Channels** and press ► or OK.



5 Select **Auto Scan** and press OK.



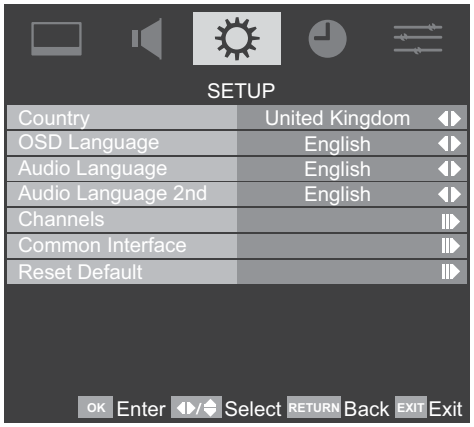
6 Press **Cancel** for no change, or press OK.to start Auto Scan.



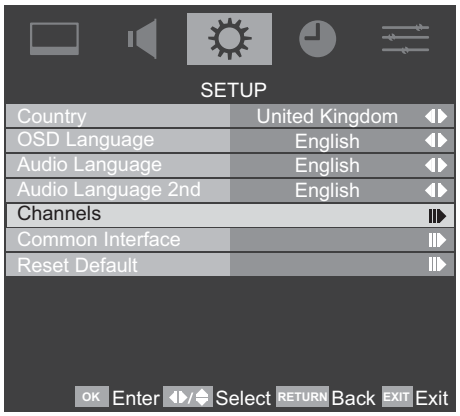
Manual scan

The television can be tuned-in manually using **Manual scan.** For example: if the television cannot be connected to a media recorder/ decoder with a SCART lead or to tune-in a station on another **System**.

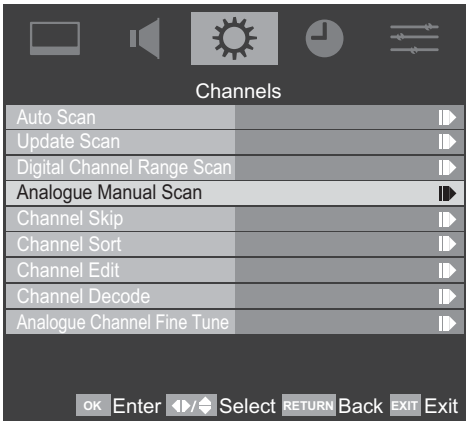
1 Press **MENU** and using ◄ or ► to select **SETUP**.



2 Press ▼ to highlight **Channels** and press ► or OK.



3 Select **Analogue Manual Scan** and press ► or OK to confirm it.

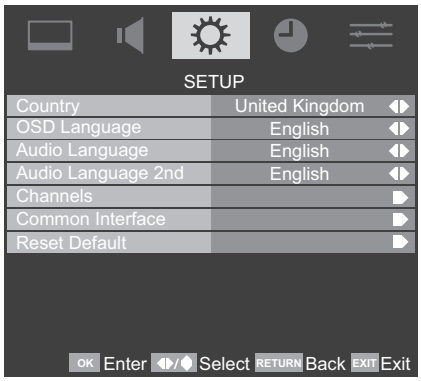


4 Using number buttons 0~9 to enter the Start Frequency. Use ▲ or ▼ to select Scan Up or Scan Down and press ► or OK to start scan. Press EXIT to stop scanning.

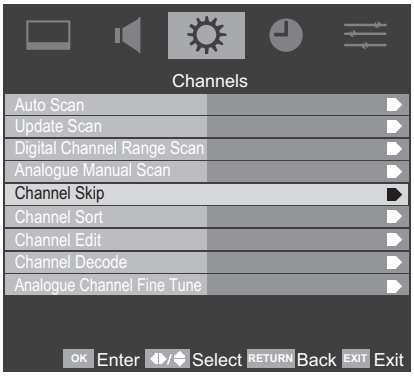
Channel Skip

To prevent certain programmes from being viewed, the programme position can be skipped. The remote control must be removed as the channels will still be available using the number buttons. Programmes can then be watched as normal using the controls on the television, but the television will not show the skipped programme position.

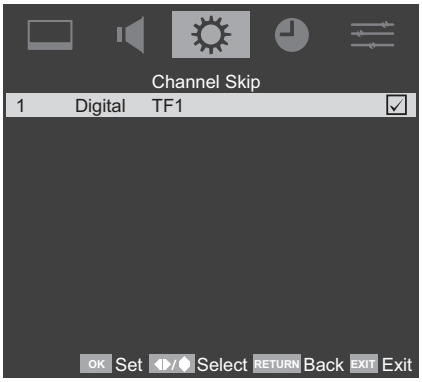
1 In the **SETUP** menu press ▼ to highlight **Channels** and press ► or OK to select.



2 Press ▼ to highlight **Channel Skip** and press ► or OK to select.



3 Use ▲ or ▼ to select the channels you want to skip, then press OK to set.



Skipped programme positions **cannot** be selected by P ∧ and P ∨ or by the controls on the television, but **can** still be accessed by the number buttons on the remote control.

Update scan

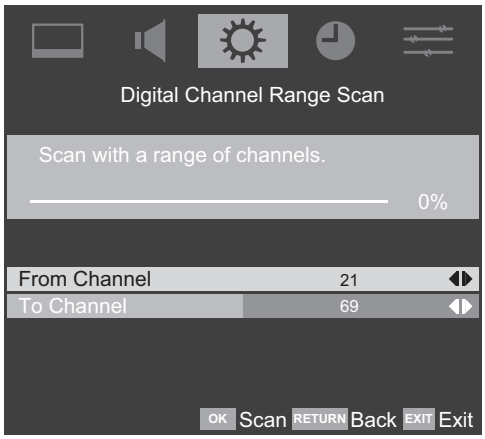
Search the new channels that are not in the programme list.

1. Press **MENU** and use ◄ or ► to select **SETUP**.
2. Press ▼ to highlight **Channels** and press ► or OK.
3. Select **Update Scan** and press OK to start scan.

Digital Channel Range Scan

Scan channels from certain range. You can set the range before you scan the channels.

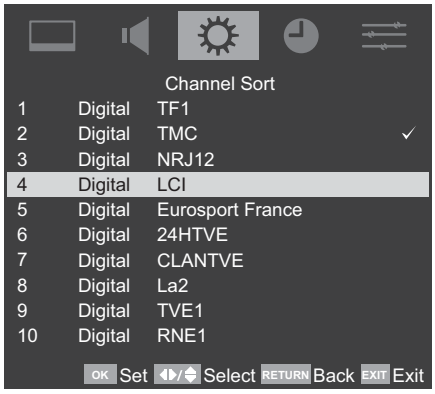
1. Select **Channels** from the **SETUP** menu.
2. Highlight **Digital Channel Range Scan** and press ► or OK to select.
3. Using ▲, ▼, ◄ and ► to set the range, then press OK to scan.



Channel Sort

Change the order of the programme list.

1. Select **Channels** from the **SETUP** menu.
2. Highlight **Channel Sort** and press ► or OK to select.
3. Pressing OK to check two channels to swap the positions.

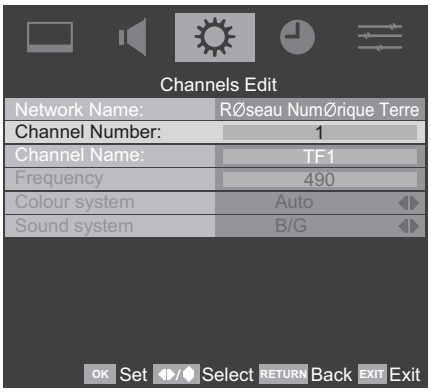


Channel Edit

Edit the channel number and channel name.

1. Select **Channels** from the **SETUP** menu.
2. Highlight **Channel Edit** and press ► or OK to select.
3. Using ▲ or ▼ to highlight the channel and press OK to select.
4. Change the **Channel Number** by using the number buttons 0~9. Change the **Channel Name** by pressing the number buttons 0~9 to enter numbers and letters.

NOTE: *Colour System/Sound System can be changed only in Analogue TV*.



Channel Decode

Channel Decode support the Canal+ (paid television channel); however, the channel also broadcast some un-encrypted programmes. These programmes without encryption can be viewed free of charge.

1. Select **Channels** from the **SETUP** menu.
2. Highlight **Channel Decode** and press ► or OK to select.
3. Use ▲or ▼ to highlight the channel and press OK to set.

Analogue Channel Fine Tune

When the reception is poor, you can use this function to do the fine tuning.

1. In the **SETUP** menu press ▼ to highlight **Channels** and press ► or OK to select.
2. Press ▼ to highlight **Analogue Channel Fine Tune** and press OK to select.
3. Highlight and press OK to select the channel.
4. Use ◄ or ► to adjust the frequency. Press ◄ to decrease and ► to increase the frequency.

Common Interface

This function enables you to watch some pay services (encrypted services). When the module is inserted into the CI slot, you can access the module menu. To purchase a module and smart card, contact your dealer. Common Interface functions may not be possible depending upon the country broadcasting circumstances.

1. Press **MENU** and use ◄ or ► to select **SETUP**.
2. Press ▼ to highlight **Common Interface** and press ► or OK.
3. Press OK to select the CI card to view the Module information.

Reset Default

Selecting **Reset Default** will reset all TV settings to their original factory values, excludes Country, Language OSD, and Channels.

1. In the **SETUP** menu press ▼ to highlight **Channels** and press ► or OK to select.
2. Select **OK** to confirm or select **Cancel** to exit.

General controls

Selecting programme positions

To select a programme position use the numbered buttons on the remote control.

Programme positions can also be selected using **P** ∧ **P** ∨.

To display on-screen information i.e. programme position, input mode or stereo/mono signal, press i+. Press again to cancel.

Stereo and Bilingual transmissions

If stereo or dual language broadcasts are transmitted the word Stereo or Dual will appear on the screen each time programme positions are changed, disappearing after a few seconds. If the broadcast is not in stereo the word Mono will appear.

Stereo… ◯◯ I/II Press to select **Stereo** or **Mono**.

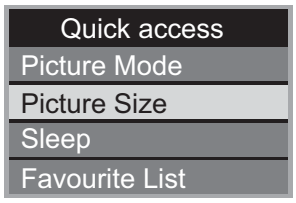
Bilingual… Bilingual transmissions are rare. If they are transmitted the word **Dual** will display. Choose the required programme number and if the word **Dual** appears press ◯◯ I/II to select **Dual 1**, **Dual 2** or **Mono**.

Audio Description

Audio description is an additional narration describing on-screen action, body language, expressions and movements for people with visual disabilities. Press **AD** button to switch the audio description **On** or **Off**.

Quick Access Menu

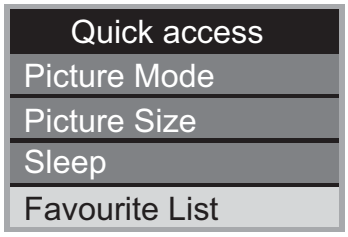
Quick access menu helps you access some options quickly, such as **Picture Mode**, **Picture Size, Sleep** and **Favourite List.** Press **QUICK** button to display the **Quick access** menu and use ▲ or ▼ to select the option.



Favourite List

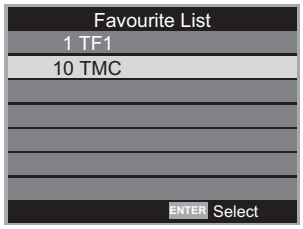
You can save your favourite channels in the Favourite List.

1 Press **QUICK** button and use ▲ or ▼ to select **Favourite List**.



2 Use ▲ or ▼ to select a space and press OK to add the channel to the Favourite list.

Use ▲ or ▼ to select a channel and press OK to erase the channel from the Favourite list.



Sound controls

Volume

Volume

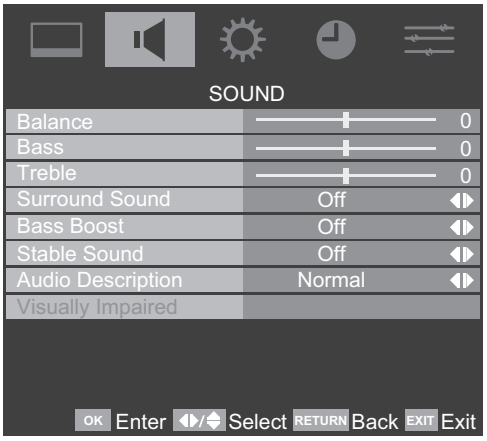
Press + or − to adjust the volume.

Sound Mute

Press 🔇 once to turn the sound off and again to cancel.

Balance, Bass, Treble

1 Press **MENU** and ◄ or ► to select **SOUND.**



2 Press ▼ to highlight **Bass, Treble** or **Balance** and ◄ or ► to change the setting.

Surround Sound

This function enriches (expending and deepening) the sound quality.

1. In the **SOUND** menu press ▼ to select **Surround Sound**.
2. Using ◄ or ► to switch function **On** or **Off.**

Bass Boost

Bass Boost enhances the depth of the sound on the TV speakers. The difference will only be noticeable on sound with a strong bass.

1. In the **SOUND** menu press ▼ to highlight **Bass Boost**.
2. Using ◄ or ► to switch function **On** or **Off**.

Stable Sound®

Stable Sound reduces the volume level differences between channels. It automatically remains on the same volume level when you change channels.

1. In the **SOUND** menu press ▼ to select **Stable Sound**.
2. Using ◄ or ► to switch function **On** or **Off.**

Audio Description

Audio Description is an additional narration during the TV watching. This function enables you to choose the type of narrations.

1. Press **MENU** and use ◄ or ► to select **SOUND**.
2. Press ▼ to highlight **Audio Description** and use ◄ or ► to select from **Normal, Hard of Hearing,** and **Visually Impaired.**

NOTE: *Press* **AD** *button on the remote control to switch the audio description On or Off.*

Hard of Hearing: This function provides narration to deaf and hard of hearing viewers.

Visually Impaired: This function provides descriptive narration of key visual elements - making television programmes, feature films, home video and other visual media accessible to people who are visually blind or visually impaired.

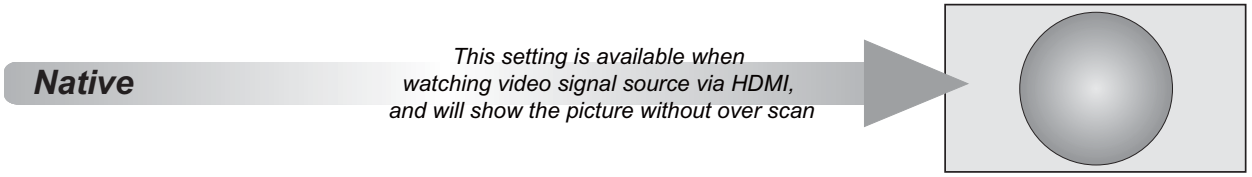
Visually Impaired

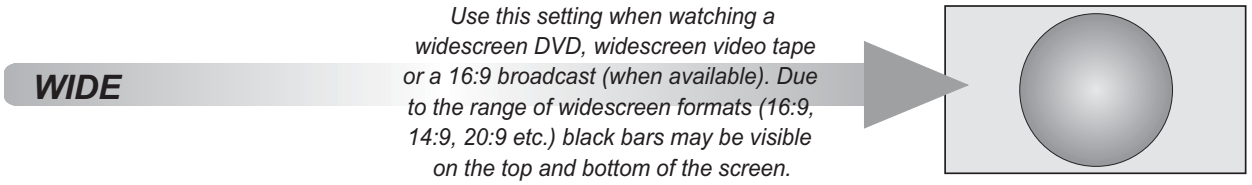
When the Audio Description is set to “Visually Impaired”, you can adjust the volume of the audio description.

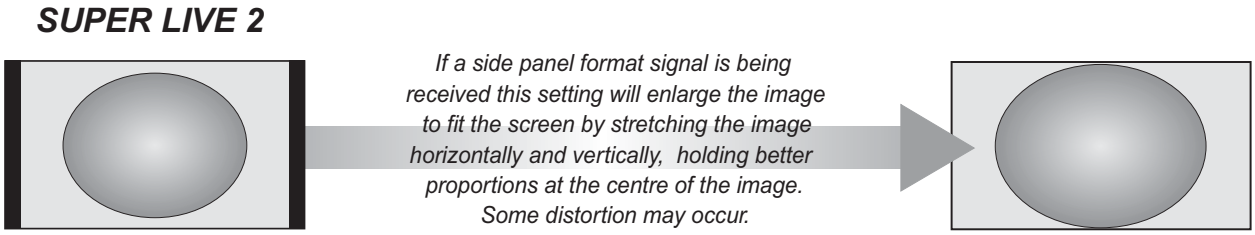
1. Press **MENU** and use ◄ or ► to select **SOUND**.
2. Press ▼ to highlight **Audio Description** and use ◄ or ► to select **Visually Impaired.**
3. Using ◄ or ► to adjust the volume.

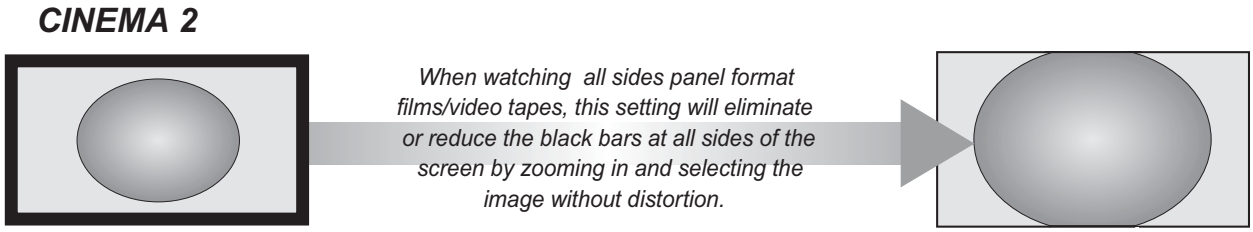
Widescreen viewing

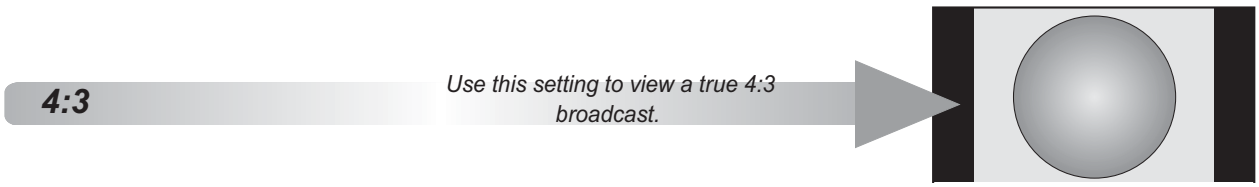
Depending on the type of broadcast being transmitted, programmes can be viewed in a number of formats.

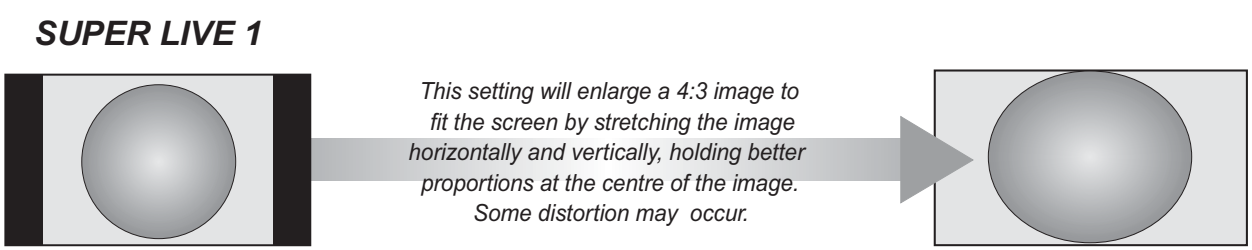

Native
This setting is available when watching video signal source via HDMI, and will show the picture without over scan


WIDE
Use this setting when watching a widescreen DVD, widescreen video tape or a 16:9 broadcast (when available). Due to the range of widescreen formats (16:9, 14:9, 20:9 etc.) black bars may be visible on the top and bottom of the screen.

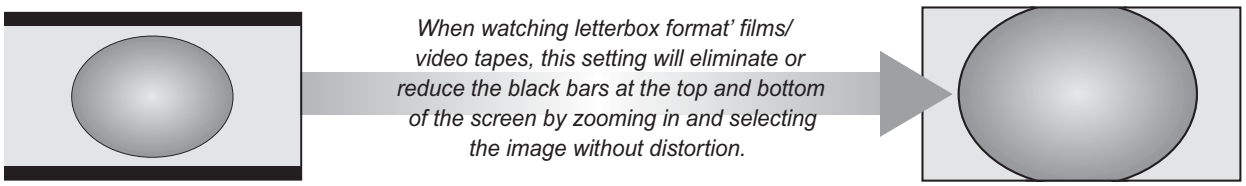

SUPER LIVE 2
If a side panel format signal is being received this setting will enlarge the image to fit the screen by stretching the image horizontally and vertically, holding better proportions at the centre of the image. Some distortion may occur.


CINEMA 2
When watching all sides panel format films/video tapes, this setting will eliminate or reduce the black bars at all sides of the screen by zooming in and selecting the image without distortion.



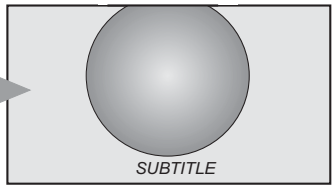

SUPER LIVE 1
This setting will enlarge a 4:3 image to fit the screen by stretching the image horizontally and vertically, holding better proportions at the centre of the image. Some distortion may occur.

CINEMA 1



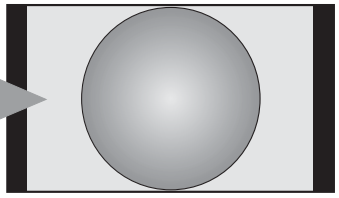
When watching letterbox format' films/ video tapes, this setting will eliminate or reduce the black bars at the top and bottom of the screen by zooming in and selecting the image without distortion.

SUBTITLE



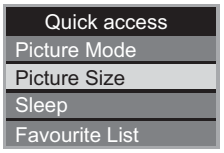
When subtitles are included on a letterbox format broadcast, this setting will raise the picture to ensure that all the text is displayed.

14:9



Use this setting when watching a 14:9 broadcast.

Press **QUICK** to display the **Quick access** menu and use ▼ or ▲ to select the **Picture Size** and press ⓞ.



You can choose the picture size from Native, Wide, Super Live 2, Cinema 2, 4:3, Super Live 1, Cinema 1, Subtitle, 14:9 and Auto.

NOTE: *If you set the Picture Size to AUTO, the format will be set automatically.*

Using the special functions to change the size of the displayed image (i.e. changing the height/width ratio) for the purposes of public display or commercial gain may infringe on copyright laws.

Available Picture Size

Screen Mode	SD (up to 480p)	HD (up to 1080i)	PC Mode
Super Live1	Yes	No	No
Super Live2	Yes	No	No
Cinema1	Yes	No	No
Cinema2	Yes	No	No
14:9	Yes	Yes	No
Wide	Yes	Yes	Yes
4:3	Yes	Yes	Yes
Subtitle	Yes	No	No
Auto	Yes	No	No
Native	Yes(only in HDMI)	Yes(only in HDMI)	No

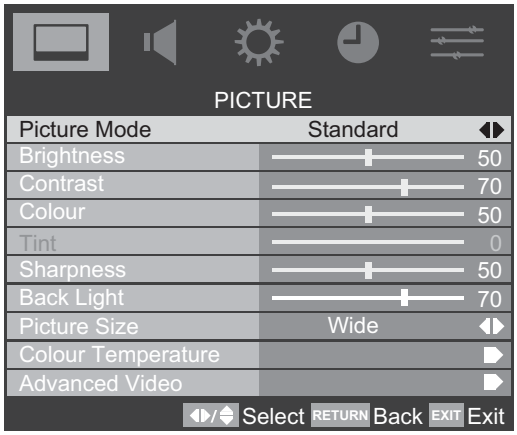
Picture controls

Picture Mode

You can adjust the best picture appearance by selecting the preset value in picture mode based on the programme category.

1. Press **MENU** and use ◄ or ► to select **PICTURE.**

2. Press ▼ to highlight **Picture Mode** and use ◄ or ► to select from **Dynamic**, **Standard, Mild, Movie** or **User**.



Brightness, Contrast, and Colour

1. In the **PICTURE** menu press ▼ to select **Brightness, Contrast,** or **Colour.**

2. Using ◄ or ► to adjust your preference.

Tint

It just can adjust at NTSC system, so when the input system is PAL or SECAM, it will be grayed.

Sharpness

This function increase or decrease the sharpness of the picture. The picture shows the clear edge when you increase the values.

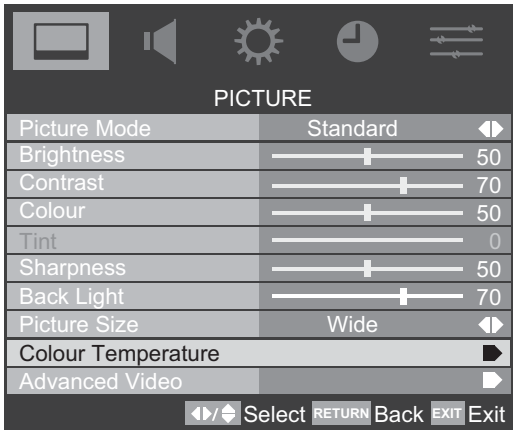
1. In the **PICTURE** menu press ▼ to select **Sharpness**.

2. Using ◄ or ► to adjust your preference.

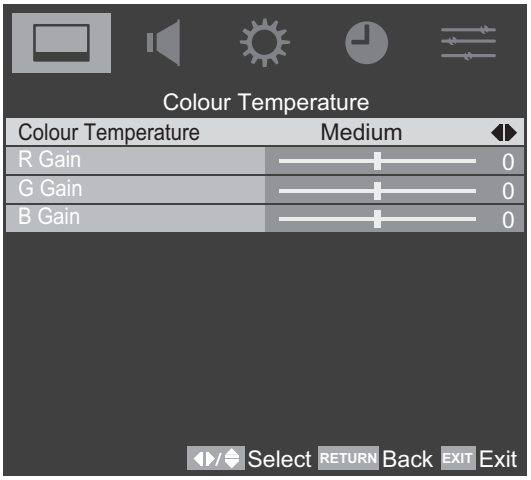
Colour Temperature

Colour Temperature increases the 'warmth' or 'coolness' of a picture by increasing the red or blue tint.

1. In the **PICTURE** menu press ▼ to highlight **Colour Temperature** and press ► or OK to select.



2. Using ◄ or ► to select from **Cool, Medium, Warm** or **User** to suit your preference.



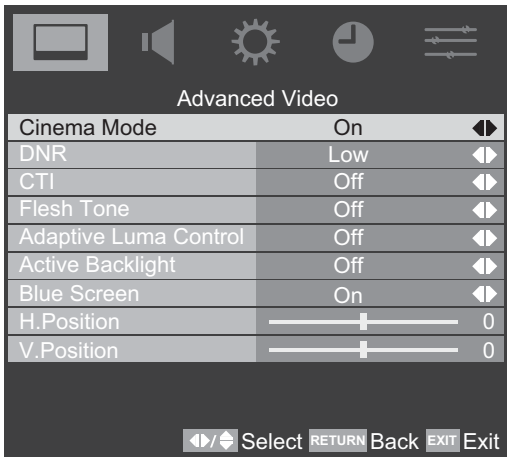
NOTE: *R/G/B Gain: Increase or decrease the red/green/blue values in the picture.*

Cinema mode

The frame rate of a movie film is generally 24 frames a second whereas the movie software such as DVD, etc. that you enjoy watching on television at home is 30 or 25 frames a second. The difference in frame rate may cause flickers whilst viewing the films on television; set the **Cinema Mode** to convert the signal to reproduce a smooth motion and picture quality.

1. In the **PICTURE** menu press ▼ to highlight **Advanced Video** and press ► to select**.**

2. Press ▼ to highlight **Cinema Mode**, and using ◄ or ► select from **On or Off.**



DNR

DNR (Digital Noise Reduction) enables you to 'soften' the screen representation of a weak signal to reduce the noise effect.

1. In the **PICTURE** menu press ▼ to highlight **Advanced Video** and press ► or ⓞ to select.

2. Select DNR and using ◄ or ► to select from **Low, Middle, High, Auto** or **Off**.

CTI

The colour transient improvement (CTI) involves the detection and sharpening of edges around colour objects on the screen.

1. In the **PICTURE** menu press ▼ to highlight **Advanced Video** and press ► or ⓞ to select.

2. Select the **CTI,** and using ◄ or ► to select from **Low, Middle, High** or **Off**.

Flesh Tone

You can adjust the skin colour to be more natural.

1. In the **PICTURE** menu press ▼ to highlight **Advanced Video** and press ► or ⓞ to select.

2. Press ▼ to highlight **Flesh Tone** and use ◄ or ► to select **On** or **Off**

Adaptive Luma Control

Automatically adjusts the brightness and contrast after analyzing the input signal. This function enriches the colours and the depth of the picture.

1. In the **PICTURE** menu press ▼ to highlight **Advanced Video** and press ► or ⓞ to select**.**

2. Press ▼ to highlight **Adaptive Luma Control** and use ◄ or ► to select **On** or **Off**.

Active Backlight

When Active backlight control is activated, it will automatically optimise the backlighting levels for dark scenes.

1. In the **PICTURE** menu press ▼ to highlight **Advanced Video** and press ► to select.

2. Press ▼ to highlight **Active backlight** and use ◄ or ► to select **On** or **Off.**

NOTE: *When Active Backlight is set to On, the Back Light in PICTURE menu will be grayed out.*

Blue Screen

When **Blue Screen** is selected the screen will turn blue and the sound will be muted when no signal is received.

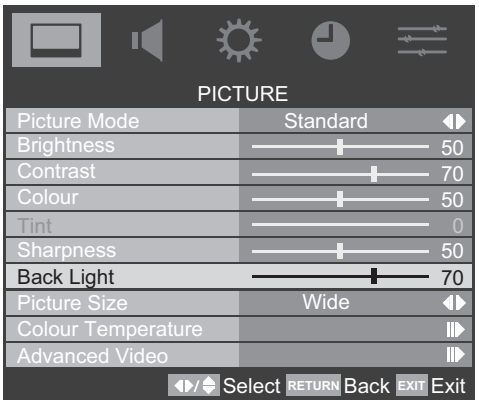
1. In the **PICTURE** menu press ▼ to highlight **Advanced Video** and press ► or ⓞ to select.

2. Press ▼ to highlight **Blue Screen** and use ◄ or ► to select **On** or **Off.**

Back Light

Adjusting the **Back Light** can improve the clarity of the screen when viewing.

1. Press **MENU** and use ◄ or ► to select **PICTURE**.
2. Press ▼ to highlight **Back Light** and use ◄ or ► to adjust.

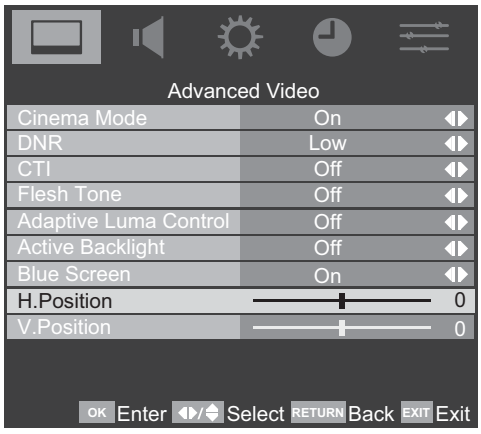


H. and V. Position

Adjust the horizontal and vertical position of the picture.

NOTE: This function is only available in PC mode.

1. Selecting the **Advanced Video** in the **PICTURE** menu and press ► or OK to select.
2. Press ▼ to highlight **H. Position** or **V. Position** and use ◄ or ► to adjust.



NOTE: *For PC input, V. Position adjustment is not linear. In another words, when you adjust V. Position, the OSD value will change by 2 or greater value depending TV's calibration process.*

Timer control

Time Zone

When you select a **Time Zone**, the TV time is set by the time offset information based on Time Zone and GMT (Greenwich Mean Time) which is received with the broadcast signal and the time is set automatically by a digital signal.

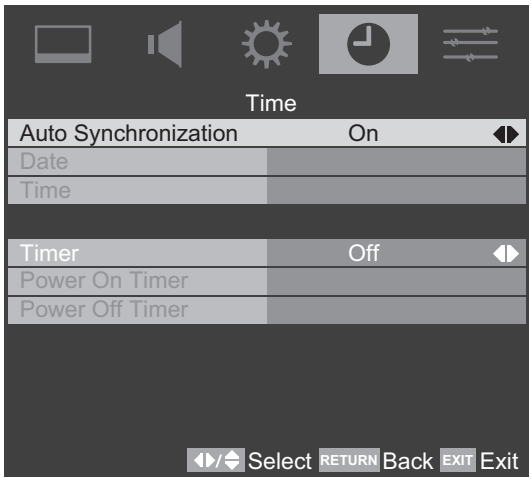
1. Select the **Time Zone** in the **TIMER**.
2. Press ◄ or ► to select your viewing area or “As Broadcaster".

Time

The time is set automatically when receiving a digital signal. (You can set the time manually only if the TV has no DTV signal.)

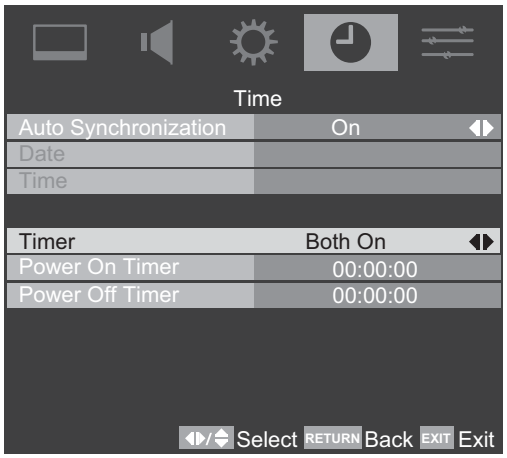
You must set the time correctly before using Power On/Off Timer function.

1. Highlight the **Time** in the **TIMER** menu and press ► or OK to select.
2. Use ◄ or ► to set the Auto Synchronization **On/Off.**



3 If you set the Auto Synchronization Off, you can set the Date and Time manually by using ▲, ▼, ◄ and ►.

4 Using ▲, ▼, ◄ and ► to select the Power On/Off Timer.



The **Power On Timer** function switches the TV on automatically at a preset time.

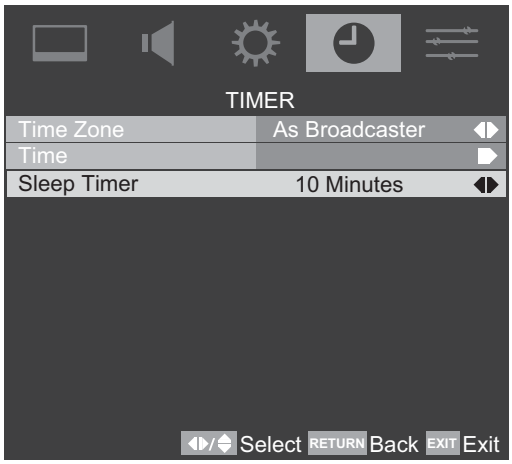
The **Power Off Timer** function switches the TV off automatically at a preset time.

Sleep Timer

The television can be set to turn itself **Off** after time.

1 Use ▼ to highlight **Sleep Timer** in the **TIMER** menu.

2 Use ◄ or ► to set the timer from Off, 10, 20, 30, 40, 50, 60, 90 or 120 Minutes.



NOTE:

To cancel the Sleep Timer, select Off in above setting.

Input selection and AV connections

Defining the INPUT and OUTPUT sockets so that the television recognises connected equipment.

See page 7 for a clear view of the back connection recommendations.

Most media recorders and decoders send a signal through the SCART lead to switch the television to the correct Input socket.

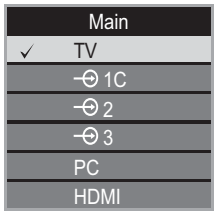
Alternatively press the external source selection button ⊖ until the picture from connected equipment is shown.

Input selection

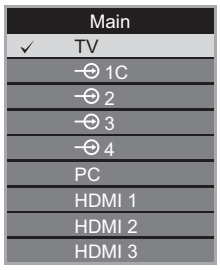
Use the Input Selection if the television does not switch over automatically.

1 Pressing ⊖ a list will appear on screen showing all stored external equipment. Use ▲ and ▼to highlight and ⓞ to select.

Model 19/22



Model 26/32/37

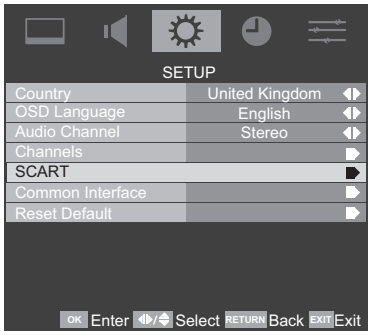


HDMI™ displays equipment connected to Input HDMI on the back or side of the television. It is designed for best performance with 1080i high definition signals.

Input signal selection

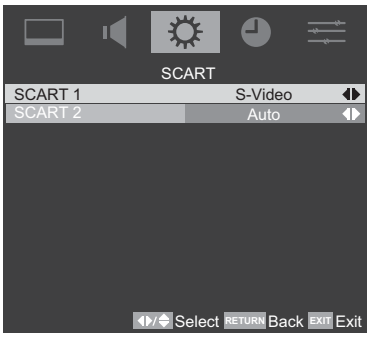
This specifies the type of signal going into SCART on the back of the television. Please refer to the manufacturers instructions for the connected equipment.

1 In the **SETUP** menu press ▼ to highlight **SCART**, then press ► or ⓞ to select.



2 **Model 19/22:**
Press ◄ or ► to select from **Auto**, **Mixed**, **RGB**, **Composite**, or **S-Video**.

Model 26/32/37:
• Use ▲ or ▼ to select SCART 1 and press ◄ or ► to select from **Auto, Mixed, RGB, Composite,** or **S-Video.**
• Use ▲ or ▼ to select SCRAT 2 and press ◄ or ► to select from **Auto, Composite,** or **S-Video**.



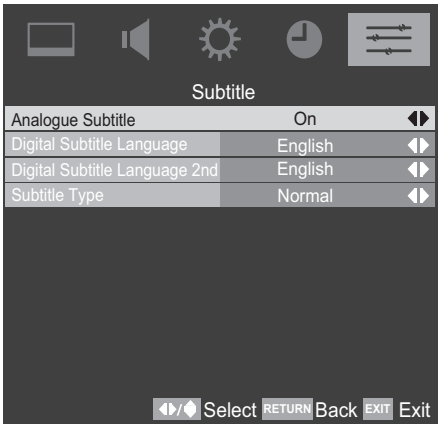
Check the signal output of the DVD or compatible device, please select the correct setting for “SCART input”.

Function control

Analogue Subtitle

You can set the subtitle on or off whilst watching TV.

1. Highlight the **Subtitle** in the **FUNCTION** menu, and press ► or OK to select.
2. Use ▲ or ▼ to select the **Analogue Subtitle** and press ◄ or ► to select from **On, Mute**, or **Off.**



NOTE: *When Analogue subtitle is selected to* **"Mute"***, the Analogue subtitle will be displayed on the screen but the speaker muted simultaneously.*

Digital Subtitle

Use the **Digital Subtitle** function when two or more subtitle languages are broadcast. If subtitle data in a selected language is not broadcast, the default language subtitle will be displayed

1. Highlight the **Subtitle** in the **FUNCTION** menu, and press ► or OK to select.
2. Use ▲ or ▼ to select the **Digital Subtitle Language** or **Digital Subtitle Language 2nd** and use ◄ or ► to select the language.

NOTE: *If the language in the Digital Subtitle Language is not available, the Digital Subtitle Language 2nd will be displayed.*

Subtitle Type

You can choose the Subtitle Type from **Normal** or **Hearing Impaired**. If the "Hearing Impaired" is selected, it provides subtitle services to deaf and hard of hearing viewers with additional descriptions

Logo LED

You can set the **Logo LED** on or off on the bottom of the front panel of your TV.

1. In the **FUNCTION** menu press ▼ to highlight **Logo LED**.
2. Use ◄ or ► to switch the function **On** or **Off.**

NOTE: *The Logo LED is for size 32/37 only.*

4:3 Stretch

If the 4:3 stretch is On, the picture size will auto stretch to 4:3 aspect ratio in Widescreen format.

NOTE: *4:3 Stretch is only activated when Picture Size is set to "Auto" mode.*

Parental control

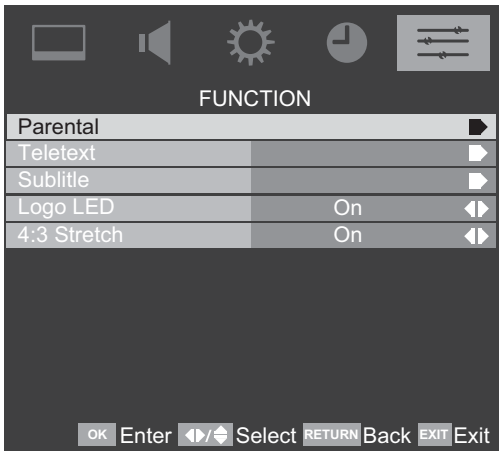
This function blocks channels or programmes that you do not want to or that you do not want your children to watch.
A password is required to gain access to this function. The factory default password is "0000".

NOTE: *When Channel Block, Programme Block and Input Block are activated, you will need to enter the 4-digit password before you enter the channels submenu under the SETUP. After* auto scan, all the channel blocks will be cleared

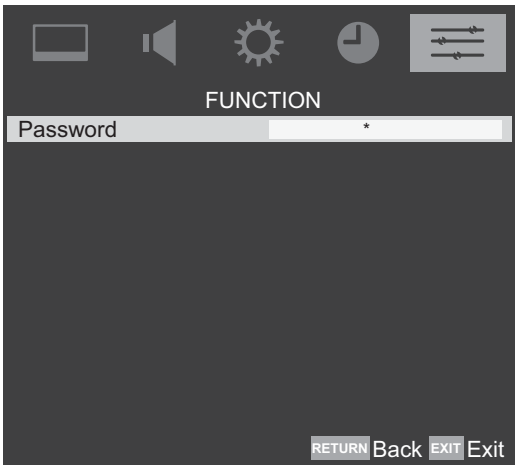
Channel Block

This function blocks channels that you do not want to or that you do not want your children to watch.

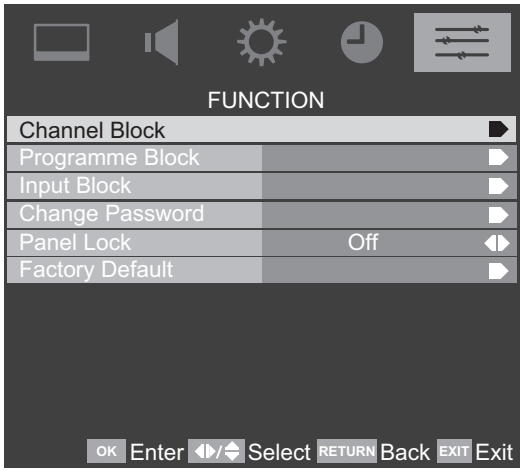
1. Highlight the **Parental** in the **FUNCTION** menu, and press ► or OK to select.



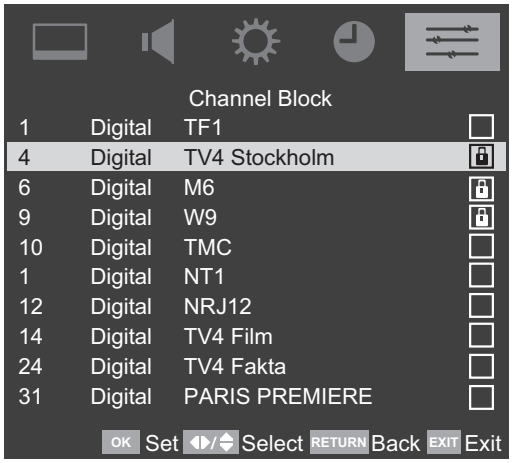
2 Enter the 4-digit password.



3 Use ▼ to highlight the **Channel Block** and press ► or OK to select.



4 Use ▼ to highlight the channels you want to block, then press OK to set.



Programme Block

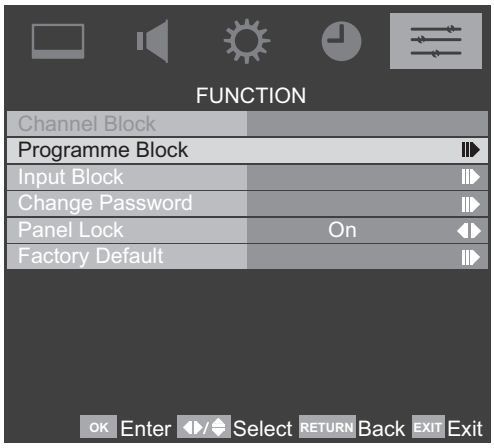
This function prevents children from watching certain TV programmes, according to the rating limit set.

This function operates according to information from the broadcasting station.Therefore if the signal has no information, this function does not operate.

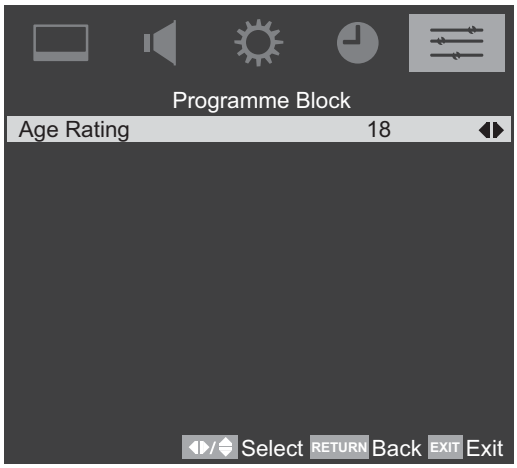
1 Highlight the **Parental** in the **FUNCTION** menu, and press ► or OK to select.

2 Enter the 4-digit password.

3 Use ▼ to highlight the **Programme Block** and press ► or OK to select.



4 Use ◄ or ► to set the **Age Rating** from age 4~18 or select **None** to turn this function off.

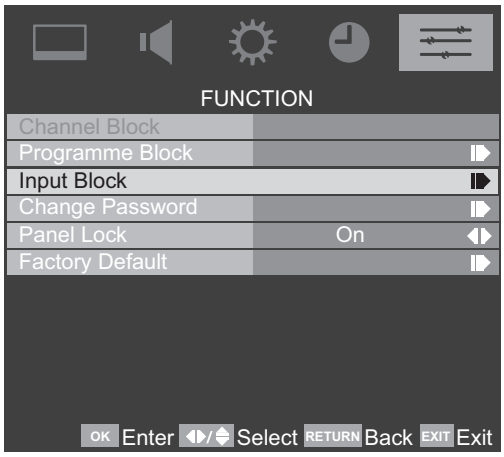


NOTE: This function is available for the programme with Age Rating information.

Input Block

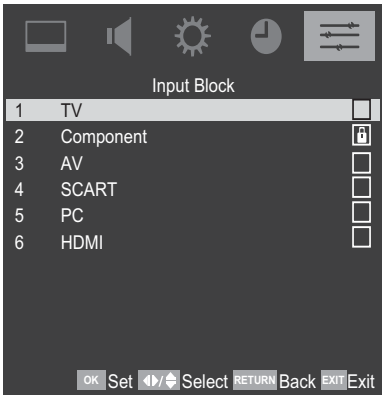
This function can disable the specific external input signals.

1. Highlight the **Parental** in the **FUNCTION** menu, and press ► or OK to select.
2. Enter the 4-digit password.
3. Use ▼ to highlight the **Input Block** and press ► or OK to select.

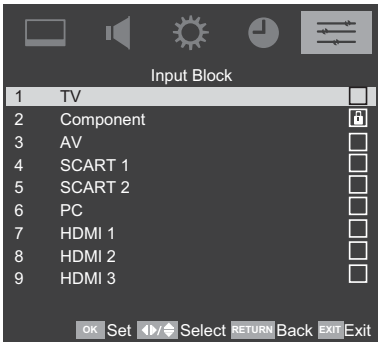


4. Use ▲ or ▼ to highlight the input that you want to disable and press OK to lock.

Model 19/22



Model 26/32/37



Panel Lock

You can lock the control buttons on your TV by using this **Panel Lock**. When this function enables, the TV can be controlled only by the remote control.

1. Highlight the **Parental** in the **FUNCTION** menu, and press ► or OK to select.
2. Enter the 4-digit password.
3. Use ▼ to highlight the **Panel Lock** and press ◄ or ► to switch the function **On** or **Off**.

NOTE: *When the Panel Lock is set to "On", TV can be turned off by pressing the power keys on the TV or the remote control, but can be turned on only by the remote control.*

Factory Default

Selecting **Factory Default** will reset all TV settings, including stored channels, to their original factory values.

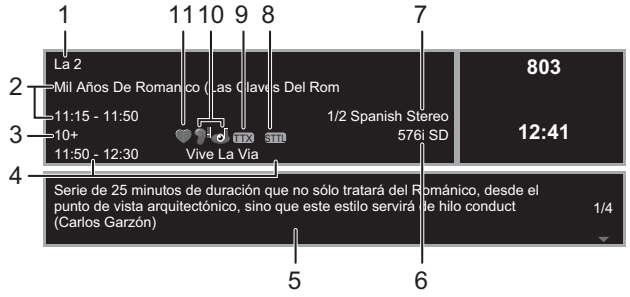
1. Highlight the **Parental** in the **FUNCTION** menu, and press ► or OK to select.
2. Enter the 4-digit password.
3. Use ▼ to highlight the **Factory Default** and press ► or OK to select.

Digital on-screen information and Programme Guide

The on-screen information and programme guide give access to programme details for all available channels.

Information

1. Press (i+), the information screen will appear giving details of the programme and event currently being viewed.



1	Station
2	Current Programme and Time
3	Parental rating
4	Next Programme and Time
5	Programme description
6	Video format
7	Audio info
8	Subtitle
9	Teletext
10	Audio Description
11	Favourite

2. Press (i+) again to close the information screen.

Guide

1. Select the on-screen guide by pressing **GUIDE**, the guide screen will appear highlighting details of the programme and event currently being viewed. This may take a few moments to appear.

2. Press ◄ or ► for information on other events scheduled for the programme selected.

3. For details of other programmes currently available, press ▲ and ▼ to scroll up and down the programme list.

NOTE: *In order for the recording operation to work properly, the media recorder must be set to the same time as the TV. Regarding the process for recording, please refer to the owner's manual of the recording equipment.*

EPG Timer

EPG (Electronic Programme Guide) supports 8 sets of timers. You can set or cancel a timer for a selected programme within the guide. When the TV is on and the timer activates, a dialogue box is shown informing you that the programme is about to start. When the TV is in standby mode and the timer activates, the TV will wake up with backlight off, speaker mute on, and change to the channel selected.

You must set the time correctly before using this function. All set timers are cleared when performing a new channel scan.

1. Press **OK** button to set/unset Timer in the selected programme.

2. The indicator will be shown in the detail information area if timer function is set.

3. Press **BLUE** button to enter the programme timer list page.

NOTE: *Time can be set manually in the Menu/ Timer/Time OSD menu.*

After adjustment, the TV clock will not match the time in the EPG Program Guide. The EPG Program Guide time follows the broadcast stream time which can not be adjusted.

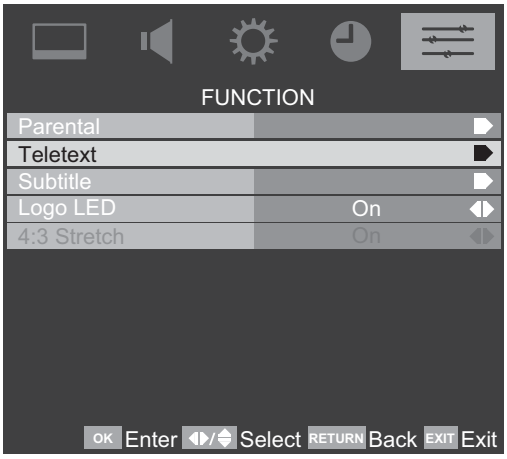
Text services

This television has a multi-page text memory, which takes a few moments to load.

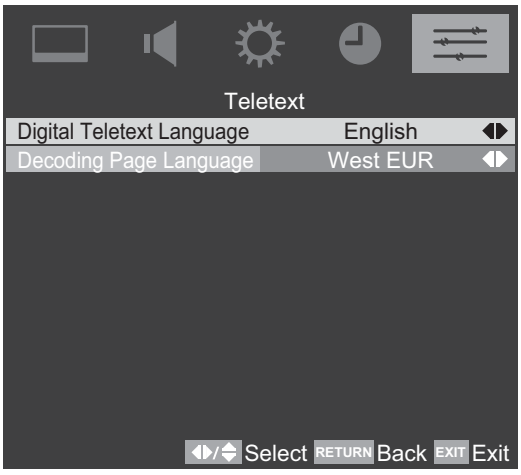
Setting the Language

You can set the teletext language.

1 In the **FUNCTION** menu press ▼ to highlight **Teletext**, then press ► or OK to confirm.



2 Use ▲ and ▼ to select the options, and then use ◄ and ► to select the language.



Text Information

The first text page shown will be the index page.

Any text page can be accessed by entering the 3 digit page number using the numbered buttons, pressing the coloured buttons or pressing **P** ∧ to advance to the next page and **P** ∨ to go back to the previous page.

Control buttons

Below is a guide to the functions of the remote control text buttons.

To display the index/initial page:

Press to access the index/initial page. The one displayed is dependant on the broadcaster.

To reveal concealed text:

To discover the solutions on quiz and joke pages press the button.

To hold a wanted page:

At times it is convenient to hold a page of text. Press and will appear in the top of the screen. The page will be held on screen until the button is pressed again.

To enlarge the text display size:

Press once to enlarge the top half of the page, press again to enlarge the bottom half of the page. Press again to revert to normal size.

/ To toggle between Telextext and normal picture mode:

Enter the page number then press /, a normal picture will be displayed. The television will indicate when the page is present by displaying the page number at the top of the screen.

Sub page will be automatically displayed.

Teletext Favourite

You can save your favourite pages to your Favourite Page List. Press TEXT button to enter the teletext page. Press the QUICK button to display the **Quick access** menu, and then select the Favourite List to display the Favourite Page List.

After channel is changed or TV is turned off, Favourite Page List will be lost.

Questions and Answers

Below are the answers to some of the most common queries.

Q *Why is there no sound or picture?*

A Check the television is not in standby mode. Check the mains plug and all mains connections.

Q *Why is there incorrect or no sound when in DTV mode?*

A Press ◯◯ I/II to ensure the hard of hearing option has not been selected.

Q *Why doesn't the video/DVD being played show on screen?*

A Make sure the VCR or DVD player is connected to the television as shown on page 7, then select the correct input by pressing ⊕.

Q *Why is there a good video picture but no sound?*

A Check all lead connections.

Q *Why is there a picture but no sound?*

A Check the volume has not been turned down or that sound mute has not been selected.

Q *Why is the VCR/DVD picture in black and white?*

A Check the correct input has been chosen, **S-VIDEO** or **AV**. See **AV connections** page 30.

Q *What else can cause a poor picture?*

A Interference or a weak signal. Try a different television station. **Analogue Manual Scan** may help.

Q *Why doesn't the remote control work?*

A Check the batteries aren't dead or inserted incorrectly.

Q *Why is there a message permanently on the screen?*

A Remove it by pressing i+.

Q *Why are there problems with analogue text?*

A Good performance of text depends on a good strong broadcast signal. This normally requires a roof or loft aerial. If the text is unreadable or garbled, check the aerial. Go to the main index page of the text service and look for the User Guide. This will explain the basic operation of text in some detail.

Q *Why are the four coloured text numbers visible but no text?*

A Text has been selected whilst viewing an external source i.e. DVD or VCR. No text will appear on screen or a box may appear stating no information is available. Select a broadcasting channel and press ☰i to access.

Q *Why don't the devices connected via HDMI operate properly?*

A Make sure to use cables with the HDMI logo HDMI (see page 9).
Some early HDMI equipment may not work properly with the latest HDMI TV products, due to new standard adoption.

HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.

Q *Why when digital subtitles have been selected are they not showing on screen?*

A Subtitles are not currently being transmitted by the broadcaster.

Q *Why is there no digital text service?*

A The **digital** programme being viewed is not broadcasting digital text. Try another **digital** programme.

Q *When you forget the user-defined password?*

A Use the universal password which is 1276.

Q *Why did TV turns off by itself?*

A After roughly 15 minutes without any input video signal at TV mode, the TV will turn off to save power.

PROBLEM SOLVING

Q *Does this TV support the DPMS?*

A This is equipped with a function for saving energy which supports the VESA Display Power Management Signaling (DPMS) standard. This means that the monitor must be connected to a computer which supports VESA DPMS. To exit DPMS mode, press ⏻ button on the remote control to wake up the TV.

Q *Why some on-screen information appears some strange symbols?*

A Please make sure your “Country” setting is correct.

Specifications and accessories

- This television complies with the specification listed below.
- Design and specifications are subject to change without notice.

DVB-T Broadcast systems/channels		Broadcast systems/channels	
UK	UHF 21-68	PAL-I	UHF UK21-UK69
France	VHF 05-10 (VHF 01-05) UHF 21-69	PAL-B/G	UHF E21-E69 VHF E2-E12, S1-S41
Germany	VHF 05-12 UHF 21-69	SECAM-L	UHF F21-F69 VHF F1-F10, B-Q
Austria	VHF 05-12 UHF 21-69	SECAM-D/K	UHF R21-R69 VHF R1-R12
Switzerland	VHF 05-12 UHF 21-69		
Italy	VHF 05-12 (D,E,F,G,H,H1,H2) UHF 21-69		
Spain	UHF 21-69		
Nederlands	VHF 05-12 UHF 21-69		
Sweden	VHF 05-12 UHF 21-69		
Finland	VHF 05-12 UHF 21-69		
Greece	VHF 05-12 UHF 21-69		

Video Input PAL, SECAM, NTSC 3.58/4.43

External connections

MODEL 19/22

EXT1	Input	Phono jacks Phono jacks	Y, P_B/C_B, P_R/C_R Audio L + R
EXT2	Input	Phono jack Phono jacks	Video Audio L + R
EXT3	Input/Output	21-pin SCART	Auto, Mixed, RGB, Composite, S-video /Monitor out
HDMI	Input	HDMI™	
HDMI Audio		Phono jacks	Audio L + R
Component		Phono jacks	Audio L + R

MODEL 26/32/37

EXT1	Input	Phono jacks Phono jacks	Y, P_B/C_B, P_R/C_R Audio L + R
EXT2	Input	Phono jack Phono jacks	Video Audio L + R
EXT3	Input/Output	21-pin SCART 1	Auto, Mixed, RGB, Composite, S-video/TV out
EXT4	Input/Output	21-pin SCART 2	Auto, Composite, S-video /Monitor out
PC	Input	D-sub	RGB
HDMI1/2/3	Input	HDMI™	
PC/HDMI1 Audio		Phono jacks	Audio L + R
Component		Phono jackS	Audio L + R

Stereo		Nicam 2 carrier system	
Visible Screen Size (approx.)	Model	19 22 26 32 37	409.80x230.40mm 477.41x268.41mm 575.77x323.71mm 697.69x392.26mm 877.00x518.00mm
Display		16:9	
Sound output (at 10% distortion)	Model	19 22 26 32 37	3W + 3W 3W + 3W 5W + 5W 10W + 10W 10W + 10W
Power consumption as specified in EN60107-1 : 1997	Model	19 22 26 32 37	50W 65W 120W 160W 200W
Standby (approx.)	Model	19 22 26 32 37	0.5W 0.5W 0.5W 0.5W 0.5W
Dimensions (approx.)	Model	19 22 26 32 37	35.9cm(H)47.2cm(W)19.2cm(D) 39.9cm(H)54.3cm(W)21.9cm(D) 49.4cm(H)66.7cm(W)24.0cm(D) 57.1cm(H)78.6cm(W)27.1cm(D) 63.7cm(H)90.2cm(W)29.3cm(D) *(Height dimension includes foot stand)*
Weight (approx.)	Model	19 22 26 32 37	5.3 kg 6.5 kg 10.5 kg 13.8 kg 17.1 kg
Headphone socket		R3.5mm stereo	
Operating condition		Temperature 5°C - 35°C (41°F - 94°F) Humidity 20 - 80% (non-condensing)	
Accessories		Remote control 2 batteries (AAA, IEC R03 1.5V) Power cord User Manual Cleaning Cloth	

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Notes

For your own records

Cleaning the screen and cabinet…

Turn off the power, clean the screen and cabinet with a soft, dry cloth. We recommend that you do not use any proprietary polishes or solvents on the screen or cabinet as this may cause damage.

Disposal…

The following information is only for EU-member states:.

Disposal of products The crossed out wheeled dust bin symbol indicates that products must be collected and disposed of separately from household waste. Integrated batteries and accumulators can be disposed of with the product. They will be separated at the recycling centres.

The black bar indicates that the product was placed on the market after August 13, 2005.
By participating in separate collection of products and batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.

For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased the product.

Disposal of batteries and/or accumulators.

The crossed out wheeled dust bin symbol indicates that batteries and/or accumulators must be collected and disposed of separately from household waste.

If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defined in the Battery Directive (2006/66/EC), then the chemical symbols for lead (Pb), mercury (Hg) and/or cadmium (Cd) will appear below the crossed out wheeled dust bin symbol.By participating in separate collection of batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.

For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased the product.